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WAGES AND HOURS OF LABOR SERIES

WAGES AND HOURS OF LABOR
IN WOOLEN AND WORSTED
GOODS MANUFACTURING, 1918

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WAGES AND HOURS OF LABOR IN WOOLEN AND WORSTED GOODS MANUFACTURING, 1918.

INTRODUCTION AND SUMMARY.

Rates of wages (or earnings) per hour, hours of labor per week, and full time and actual weekly earnings in the woolen and worsted goods industry of the United States in the year 1918 are presented in this report. Comparable figures for 1916, and summaries for each year from 1907 to 1918, except 1915 and 1917, are also shown. Data were not collected for 1915 and 1917.¹

An extended description of the processes, machines used, and work done by the employees engaged in the several occupations appeared in Bulletin No. 238 of the bureau (June, 1918).

In 1918 the average full-time weekly earnings of male employees in the selected occupations shown varied from \$13.58 for doffers to \$30.04 for loom fixers.

The full-time weekly earnings of female employees varied from \$9.85 for doffers to \$21.96 for weavers.

A summary of the hourly earnings and hours of labor from 1907 to 1918, inclusive, in the principal occupations of the industry is presented in Table 1. This table shows very clearly the general reduction of hours and increase of wages between 1907 and 1918, as well as the prevailing rates and hours in 1918.

¹ Previous reports of wages and hours of labor in woolen and worsted goods manufacturing have been published by the bureau, as follows: Nineteenth Annual Report, covering 1890 to 1903; Bulletin No. 86 (July, 1908), covering 1903 and 1904; Bulletin No. 85 (July, 1906), covering 1904 and 1905; Bulletin No. 1 (July, 1907), covering 1905 and 1906; Bulletin No. 77 (July, 1908), covering 1906 and 1907; Bulletin No. 38 (August, 1913), covering 1907 to 1912; Bulletin No. 150 (May, 1914), covering 1912 and 1913; Bulletin No. 190 (May, 1916), covering 1913 and 1914; and Bulletin No. 238 (June, 1918), covering 1914 and 1916.

45 establishments.....	1914	4,386	55.2	.235	13.10	80	19	11	9	1	2	4	7	10	34	29	12	(1)	(1)	(1)	
	1918	4,559	54.9	.208	15.86	65	15	12	4	(1)	1	1	2	3	17	25	41	(1)	(1)	(1)	
61 establishments.....	1915	5,421	54.9	.304	15.95	66	17	14	4	(1)	1	1	2	3	17	26	40	10	1	(1)	(1)
	1918	5,512	54.5	.470	25.32	75	21		4	(1)	(1)	(1)	(1)	(1)	2	5	21	34	1	(1)	(1)
Weavers, female:																					
19 establishments.....	1907	1,873	58.0	.188	10.90		15	63	22	5	8	12	16	22	31	5	1	(1)	(1)	(1)	
	1908	1,822	57.7	.166	9.56		18	70	12	11	14	20	21	17	15	1	(1)	(1)	(1)	(1)	
	1909	1,807	57.6	.166	9.56		22	65	18	15	14	17	20	15	15	2	1	(1)	(1)	(1)	
	1910	2,116	56.4	.174	9.31		30	8	12	11	11	15	17	20	29	2	(1)	(1)	(1)	(1)	
27 establishments.....	1910	2,855	56.3	.180	10.14		84	7	9	9	10	14	17	19	25	5	1	(1)	(1)	(1)	
	1911	2,305	56.4	.178	10.06		81	6	12	9	11	16	18	17	23	5	1	(1)	(1)	(1)	
45 establishments.....	1911	2,384	55.8	.184	10.47		63	28	9	9	12	16	16	15	23	6	1	(1)	(1)	(1)	
	1912	2,586	55.9	.206	11.48		39	28	8	8	5	9	14	17	32	14	5	(1)	(1)	(1)	
	1913	3,481	55.9	.197	11.00		31	32	26	2	4	9	11	16	18	12	3	(1)	(1)	(1)	
47 establishments.....	1912	3,493	56.0	.197	11.06		30	32	26	2	4	8	11	16	18	12	3	(1)	(1)	(1)	
	1914	3,789	54.8	.202	11.06		55	39	8	6	6	9	13	15	30	15	4	(1)	(1)	(1)	
48 establishments.....	1914	2,862	54.7	.208	11.08		54	39	8		6	6	9	13	16	30	15	4	(1)	(1)	
	1918	4,021	54.5	.278	14.54		57	36	7		(1)	1	2	4	6	26	27	5	(1)	(1)	
61 establishments.....	1916	4,805	54.5	.271	14.75		60	33	9		(1)	1	2	4	6	26	26	4	(1)	(1)	
	1918	5,295	54.1	.406	21.96		79	21		(1)	(1)	(1)	1	1	5	10	34	29	14	5	
Burlers, female:																					
18 establishments.....	1907	611	58.2	.122	7.11		9	61	30	64	18	9	5	8	9	(1)	(1)	(1)	(1)	(1)	
	1908	494	58.0	.116	6.73		13	69	19	65	23	8	3	1	1	(1)	(1)	(1)	(1)	(1)	
	1909	582	58.0	.123	7.13		13	68	20	59	18	12	5	2	2	(1)	(1)	(1)	(1)	(1)	
	1910	598	56.9	.124	7.06		68	16	17	67	19	16	4	8	3	(1)	(1)	(1)	(1)	(1)	
26 establishments.....	1910	1,084	56.5	.180	7.28		81	9	10	43	27	14	10	4	2	(1)	(1)	(1)	(1)	(1)	
	1911	1,010	56.6	.197	7.30		79	8	13	44	33	19	8	3	2	(1)	(1)	(1)	(1)	(1)	
43 establishments.....	1911	1,516	56.8	.130	7.36		65	27	9	42	28	14	9	4	2	(1)	(1)	(1)	(1)	(1)	
	1912	1,471	55.9	.147	8.22	48	17	28	7	14	44	13	12	7	10	(1)	(1)	(1)	(1)	(1)	
44 establishments.....	1912	1,562	55.9	.145	8.25	46	17	30	7	17	42	13	11	7	9	1	(1)	(1)	(1)	(1)	
	1913	1,635	55.6	.146	8.13	45	28	34	2	18	39	13	14	8	8	1	(1)	(1)	(1)	(1)	
44 establishments.....	1913	1,643	55.6	.146	8.14	52	20	26	2	19	38	13	14	8	8	1	(1)	(1)	(1)	(1)	
	1914	1,755	54.6	.154	8.41	55	40	5		17	32	12	12	12	12	3	(1)	(1)	(1)	(1)	
44 establishments.....	1914	1,755	54.6	.155	8.47	55	40	4		17	32	12	12	12	12	3	(1)	(1)	(1)	(1)	
	1916	1,617	54.6	.189	10.32	62	30	3		2	7	23	18	13	25	12	1	(1)	(1)	(1)	
55 establishments.....	1916	1,889	54.6	.185	10.09	65	26	9		2	8	24	17	15	24	9	(1)	(1)	(1)	(1)	
	1918	1,867	54.1	.276	14.94	83	17			(1)	(1)	1	6	6	26	30	30	5	1	(1)	(1)

¹ Less than 1 per cent.

TABLE 1.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS IN THE PRINCIPAL OCCUPATIONS, BY YEARS—Concluded.

Occupation, sex, and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Per cent of employees whose full-time hours per week were—				Per cent of employees whose earnings per hour were—											
						54 and under.	Over 54 and under 57.	57 and under 60.	60 and over.	Under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 and under 60 cents.	60 and under 70 cents.	70 cents and over.
Menders, female:																					
18 establishments.....	1907	403	58.5	\$0.145	\$8.48	14	39	47	17	30	20	9	8	8	1						
	1908	341	58.4	.148	8.04	18	33	49	17	18	17	11	10	10	3						
	1909	583	58.8	.137	8.06	18	31	57	44	14	15	8	7	10	2						
	1910	498	58.0	.148	8.58	34	23	43	37	16	12	8	16	9	3	1					
25 establishments.....	1910	1,106	56.8	.160	9.09	78	10	18	25	14	9	16	17	16	3	(1)					
	1911	1,115	56.9	.159	9.06	72	7	21	22	13	15	15	20	18	3	(1)					
44 establishments.....	1911	1,023	56.8	.160	9.07	72	14	15	20	15	16	14	20	12	1	(1)					
	1912	1,068	55.7	.169	10.50	53	20	14	9	9	11	11	17	24	7	2	(1)				
42 establishments.....	1912	1,589	55.6	.193	10.71	56	20	11	18	6	8	11	12	18	8	2	(1)				
	1913	1,388	55.3	.183	10.11	57	23	16	7	12	12	15	18	27	7	1	(1)				
42 establishments.....	1913	1,363	55.4	.181	10.02	55	26	13	4	7	13	12	15	19	6	1					
	1914	1,494	54.4	.196	10.56	83	8	9	5	11	11	11	14	23	9	2					
43 establishments.....	1914	1,501	54.4	.196	10.57	83	8	9	5	11	11	10	14	23	9	2					
	1916	1,481	54.2	.205	13.28	87	6	6	1	2	2	5	10	41	22	15	1	(1)			
53 establishments.....	1916	1,767	54.3	.205	13.28	87	5	8	1	1	3	5	10	42	23	14	1	(1)			
	1918	1,685	54.1	.200	13.91	91	8	8	(1)	(1)	(1)	(1)	(1)	6	18	53	16	1	(1)		
Laborers, dyehouse, male:																					
19 establishments.....	1907	424	58.1	.144	8.37	12	65	23		41	55	4	(1)								
	1908	385	57.8	.140	8.09	16	68	16		71	24	4	(1)								
	1909	514	57.9	.137	7.93	16	68	21		71	23	5	(1)								
	1910	570	56.5	.142	8.02	78	12	10		85	59	5	(1)								
27 establishments.....	1910	837	56.3	.143	8.06	85	9	7	(1)	36	52	11	1	(1)							
	1911	877	56.5	.145	8.18	82	7	11	(1)	30	59	10	1	(1)							

45 establishments.....	1911	1,116	54.6	.145	8.22	74	17	9	(1)	32	51	15	1	(1)						
	1912	1,033	55.5	.157	8.72	51	25	17	7	(1)	7	62	28	2	1	(1)				
	1913	1,038	55.5	.159	8.81	46	29	22	2		5	61	27	5	1					
45 establishments.....	1913	1,041	55.4	.159	8.84	45	29	24	3		5	61	28	5	1					
	1914	1,415	54.8	.160	8.74	70	18	7	6	(1)	8	54	27	9	1	(1)				
47 establishments.....	1914	1,427	54.9	.160	8.75	69	18	7	7	(1)	8	54	28	9	1	(1)				
	1915	1,550	55.1	.196	10.82	90	25	10	5	(1)	(1)	1	8	56	36	1	(1)			
55 establishments.....	1915	1,538	55.0	.197	10.83	90	25	10	5	(1)	(1)	(1)	5	56	37	2	(1)			
	1918	1,606	54.7	.204	10.60	69	25		7				(1)	(1)	45	52	(1)		(1)	
Other employees, male:																				
47 establishments.....	1914	13,947	55.7	.180	10.03	61	18	7	14	7	13	26	16	9	15	10	3	(1)	(1)	(1)
	1915	13,508	55.7	.223	12.43	58	20	9	13	(1)	2	5	16	27	25	12	12	1	(1)	(1)
63 establishments.....	1915	16,978	55.8	.225	12.51	52	26	8	14	1	2	5	18	23	30	12	11	1	(1)	(1)
	1918	17,308	55.3	.330	18.24	64	23	1	13	(1)	(1)	(1)	1	1	9	25	47	11	4	(1)
Other employees, female:																				
45 establishments.....	1914	7,781	54.2	.139	7.54	72	24	4		20	32	25	7	5	8	2	1	(1)		
	1915	4,242	54.1	.170	9.16	72	24	3	(1)	4	12	23	34	10	18	2	1	(1)		(1)
51 establishments.....	1915	6,347	53.9	.168	9.05	63	24	4	(1)	4	14	23	33	10	13	2	1	(1)		(1)
	1918	6,362	53.4	.250	13.37	74	26			(1)	(1)	2	8	8	41	33	10	2	(1)	(1)
63 establishments.....	1918	6,407	53.4	.250	13.37	74	26			(1)	(1)	2	8	8	42	32	10	2	(1)	(1)

¹ Less than 1 per cent.

As wages and hours differ in different establishments, the inclusion or exclusion of any establishment in a group may raise or lower the average for the group, so that exact comparisons can be made between the actual wages and hours shown for different years only where the data for the several years are from identical establishments. To illustrate: In the fifth column of Table 1 it is seen that in 43 establishments the full-time weekly earnings of burlers increased from \$7.36 in 1911 to \$8.22 in 1912. In 44 establishments there was a decrease from \$8.25 in 1912 to \$8.13 in 1913. It would not be a proper comparison, however, to state that weekly earnings had increased from \$7.36 in 1911 to \$8.13 in 1913, because of the change in the number of establishments and of the difference in the average for 1912 in the two groups of establishments.

To aid in making comparisons where the establishments change more or less from year to year, relative or index numbers have been computed for full-time hours per week, hourly earnings, and full-time weekly earnings for each selected occupation, for the years 1910 to 1918, inclusive. These relative numbers, which are based on the averages in Table 1, are shown in Table 2 and are simply percentages in which the figures for 1913 are taken as the base or 100 per cent. Thus the facts in percentage form for each year are brought into direct comparison with the facts for the year immediately preceding the World War. The year 1913 was selected as a basis of comparison as it marks the end of a distinct economic period.

TABLE 2.—RELATIVE FULL-TIME HOURS PER WEEK, HOURLY EARNINGS, AND FULL-TIME WEEKLY EARNINGS, IN THE PRINCIPAL OCCUPATIONS, BY YEARS.

1913=100.

Occupation, sex, and year.	Relative full-time hours per week.	Relative hourly earnings.	Relative full-time weekly earnings.	Occupation, sex, and year.	Relative full-time hours per week.	Relative hourly earnings.	Relative full-time weekly earnings.
Wool sorters, male:				Comber tenders, male:			
1910.....	102	88	90	1910.....	103	89	92
1911.....	103	88	88	1911.....	103	90	93
1912.....	100	95	95	1912.....	101	100	101
1913.....	100	100	100	1913.....	100	100	100
1914.....	99	98	97	1914.....	102	103	106
1916.....	98	117	115	1916.....	103	128	131
1918.....	99	104	102	1918.....	102	201	206
Card tenders, male:				Comber tenders, female:			
1910.....	101	89	91	1910.....	99	95	98
1911.....	101	98	97	1911.....	99	93	93
1912.....	100	95	95	1912.....	99	99	96
1913.....	100	100	100	1913.....	100	100	100
1914.....	100	104	103	1914.....	98	102	99
1916.....	99	131	130	1916.....	95	151	144
1918.....	97	202	197	1918.....	94	221	207
Card strippers, male:				Spinners, mule, male:			
1910.....	101	91	92	1910.....	101	94	95
1911.....	101	90	91	1911.....	101	94	95
1912.....	101	97	98	1912.....	100	100	101
1913.....	100	100	100	1913.....	100	100	100
1914.....	99	101	100	1914.....	99	104	103
1916.....	98	124	123	1916.....	98	132	130
1918.....	97	103	100	1918.....	97	209	204

TABLE 2.—RELATIVE FULL-TIME HOURS PER WEEK, HOURLY EARNINGS, AND FULL-TIME WEEKLY EARNINGS, IN THE PRINCIPAL OCCUPATIONS, BY YEARS.—Conold.

Occupation, sex, and year.	Relative full-time hours per week.	Relative hourly earnings.	Relative full-time weekly earnings.	Occupation, sex, and year.	Relative full-time hours per week.	Relative hourly earnings.	Relative full-time weekly earnings.
Spinners, frame, male:				Weavers, male:			
1910.....	104	92	96	1910.....	101	89	90
1911.....	104	97	101	1911.....	101	91	92
1912.....	100	116	116	1912.....	100	102	102
1913.....	100	100	100	1913.....	100	100	100
1914.....	100	106	106	1914.....	98	103	100
1916.....	100	141	141	1916.....	98	131	122
1918.....	98	232	226	1918.....	97	203	185
Spinners, frame, female:				Weavers, female:			
1910.....	101	87	88	1910.....	101	91	92
1911.....	102	90	91	1911.....	101	93	95
1912.....	99	108	102	1912.....	100	106	104
1913.....	100	100	100	1913.....	100	100	100
1914.....	98	106	103	1914.....	98	103	100
1916.....	97	129	124	1916.....	97	138	134
1918.....	94	199	189	1918.....	97	206	199
Twister tenders, female:				Burlers, female:			
1910.....	103	83	95	1910.....	102	89	90
1911.....	102	87	90	1911.....	102	89	90
1912.....	101	101	102	1912.....	101	99	101
1913.....	100	100	100	1913.....	100	100	100
1914.....	98	107	104	1914.....	98	106	104
1916.....	98	129	126	1916.....	98	127	124
1918.....	97	190	184	1918.....	97	189	184
Dresser tenders, male:				Manders, female:			
1910.....	101	92	93	1910.....	103	88	91
1911.....	101	92	94	1911.....	103	88	91
1912.....	100	100	99	1912.....	101	104	105
1913.....	100	100	100	1913.....	100	100	100
1914.....	98	104	102	1914.....	98	106	105
1916.....	98	121	118	1916.....	98	135	133
1918.....	97	172	164	1918.....	98	193	189
Loom fixers, male:				Laborers, dyehouse, male:			
1910.....	101	94	96	1910.....	101	90	91
1911.....	102	98	94	1911.....	102	91	93
1912.....	100	104	104	1912.....	100	99	99
1913.....	100	100	100	1913.....	100	100	100
1914.....	99	106	104	1914.....	99	101	99
1916.....	98	128	125	1916.....	99	124	123
1918.....	98	186	182	1918.....	98	191	188

The relative number for each year preceding 1913 and for each subsequent year is the per cent that the average for that year is of the average for 1913. For example, Table 2 shows that relatively the full-time weekly earnings of male frame spinners in 1910 were only 96 per cent of their weekly earnings in 1913. In 1911 they were 1 per cent higher, and in 1912 16 per cent higher, than in 1913. In 1914 they were 6 per cent higher, in 1916 they were 41 per cent higher, and in 1918 they reached a point 128 per cent higher than in 1913.

Table 3 is a summary showing, by States, the number and per cent of employees working certain classified percentages of full time during the period for which data were obtained. This table is divided into two sections—one relating to employees whose time was reported for one week and the other relating to those whose time was reported for two weeks in such a way that it could not be divided. In a majority of establishments a part of the force is on a one-week pay roll and part on a two-week pay roll, hence such plants have a representation in each section of the table. A few employees, data concerning whom were incomplete, are omitted from this table.

18 WAGES AND HOURS OF LABOR—WOOLEN AND WORSTED GOODS.

TABLE 3.—NUMBER AND PER CENT OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME IN 1918, BY STATES.

ONE-WEEK PAY ROLLS.

State.	Number of establishments.	Number of employees.	Number and per cent of employees working each classified per cent of full time.									
			100 per cent and over.		Under 100 per cent.		Under 75 per cent.		Under 50 per cent.		Under 25 per cent.	
			Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
Connecticut.....	6	768	596	78	172	22	71	9	28	4	6	1
Maine.....	12	1,556	1,161	75	395	25	125	8	51	3	12	1
Massachusetts.....	12	14,310	10,040	74	3,670	26	1,281	9	594	4	215	2
New Hampshire.....	6	1,272	971	76	301	24	140	11	74	6	33	3
New Jersey.....	3	7,555	4,691	62	2,864	38	899	12	257	3	82	1
New York.....	3	1,721	868	50	853	50	357	21	116	7	30	2
Pennsylvania.....	7	1,278	661	52	617	48	160	13	44	3	19	1
Rhode Island.....	5	4,269	3,158	74	1,101	26	539	13	244	6	62	1
Vermont.....	3	1,622	983	61	639	39	206	13	88	5	36	2
Total.....	57	34,351	23,739	69	10,612	31	3,778	11	1,497	4	497	1

TWO-WEEK PAY ROLLS.

Connecticut.....	6	576	322	56	254	44	92	16	53	9	17	3
Maine.....	12	1,042	430	41	612	59	153	15	70	7	15	1
Massachusetts.....	11	4,668	2,557	55	2,111	45	828	18	227	5	79	2
New Hampshire.....	6	3,866	2,120	55	1,746	45	622	16	319	8	118	3
New Jersey.....	3	1,461	59	3	1,411	97	158	11	69	5	36	2
New York.....	2	185	12	6	173	94	34	18	16	9	3	2
Pennsylvania.....	10	3,046	1,625	53	1,421	47	428	14	198	7	78	3
Rhode Island.....	5	1,339	893	64	506	38	140	10	44	3	16	1
Vermont.....	3	595	66	11	529	89	118	20	44	7	6	1
Total.....	58	16,838	8,075	48	8,763	52	2,573	15	1,040	6	368	2

According to the first section of this table, 69 per cent of the employees worked full time or over during the period covered by the pay rolls, and 31 per cent did not work full time. Eleven per cent worked under 75 per cent of full time, and by deduction it is seen that 20 per cent of the employees worked 75 per cent and under 100 per cent of full time. The pay-roll period of the second section being two weeks the proportion of employees making full time is much lower, 48 per cent. Relatively, however, the figures are nearly the same, for if 68 per cent of the force began the second week with a clear record and 68 per cent of this number made full time the second week, then 46 per cent ($68 \times 0.68 = 46$) would work full time in two weeks.

Table 4 is a summary of General Table D, page 69, showing for each occupation the average full-time hours per week of the establishments in comparison with the average hours actually worked in the pay-roll period reported and comparing the average full-time weekly earnings with the average amount actually earned in the week.

Like Table 3, this table also is divided into two sections—one representing one-week pay rolls and the other two-week pay rolls. As in Table 3, a few employees have been omitted from Table 4 on account of incomplete data.

TABLE 4.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, FULL-TIME WEEKLY EARNINGS, AND AMOUNTS ACTUALLY EARNED DURING 1 PAY-ROLL PERIOD, BY OCCUPATION AND SEX, 1918.

ONE-WEEK PAY ROLLS.

Occupation and sex.	Number of establishments.	Number of employees.	Average full-time hours per week of establishments.	Average hours actually worked per employee during 1 week.	Average full-time weekly earnings.	Average amount actually earned per employee during 1 week.
Wool sorters, male.....	16	474	54.5	53.9	25.05	24.89
Card tenders, male.....	41	519	54.9	53.3	15.66	15.28
Card strippers, male.....	42	311	54.9	56.1	17.77	18.30
Comber tenders, male.....	3	218	56.0	54.1	17.92	17.28
Comber tenders, female.....	7	260	52.5	47.8	13.25	11.96
Drawing-frame tenders, male.....	4	37	54.1	54.8	16.84	15.94
Drawing-frame tenders, female.....	10	1,392	53.7	49.0	14.87	12.44
Spinners, mule, male.....	23	606	54.8	49.2	23.98	21.73
Spinners, frame, male.....	6	161	53.0	52.9	16.73	16.82
Spinners, frame, female.....	12	1,071	53.7	38.5	15.22	11.06
Doffers, male.....	5	138	59.5	46.3	13.58	12.47
Doffers, female.....	8	407	50.6	43.5	10.50	9.01
Twister tenders, female.....	19	654	63.9	49.6	13.85	12.78
Spoiler tenders, female.....	50	1,362	63.6	47.0	14.90	12.99
Drusser tenders, male.....	54	446	54.6	54.2	24.25	24.40
Drawers-in, female.....	51	361	54.2	48.5	20.15	17.58
Loom fixers, male.....	54	625	54.7	53.0	28.20	27.32
Burlers, female.....	49	1,502	54.1	48.5	14.75	13.15
Menders, female.....	40	900	54.2	47.0	18.10	15.68
Laborers, dyehouse, male.....	51	1,467	54.7	58.5	16.60	17.78
Other employees, male.....	56	15,636	55.4	54.9	18.36	18.34
Other employees, female.....	56	5,894	53.4	49.2	13.48	12.37

TWO-WEEK PAY ROLLS.

Wool sorters, male.....	4	64	108.0	112.1	48.21	49.76
Card tenders, male.....	6	80	108.7	104.7	31.61	30.64
Card strippers, male.....	6	48	108.8	110.5	35.56	36.20
Comber tenders, male.....	1	30	108.0	99.0	28.68	25.85
Comber tenders, female.....	5	68	108.0	85.3	29.77	23.13
Drawing-frame tenders, male.....	2	106	108.0	100.4	26.28	24.34
Drawing-frame tenders, female.....	5	358	100.2	88.8	23.37	20.31
Spinners, mule, male.....	20	608	108.4	98.4	59.32	52.32
Spinners, frame, female.....	4	259	94.3	84.7	24.34	21.42
Doffers, female.....	4	362	92.0	78.0	18.01	14.93
Twister tenders, female.....	5	148	107.9	94.4	27.16	24.28
Spoiler tenders, female.....	6	152	107.9	95.5	21.96	19.40
Drusser tenders, male.....	4	23	109.0	102.5	49.73	46.75
Drawers-in, female.....	4	45	108.0	88.3	23.74	19.48
Loom fixers, male.....	7	218	108.1	105.9	70.69	69.15
Weavers, male.....	58	5,520	106.7	97.9	51.48	46.64
Weavers, female.....	58	5,116	108.2	96.8	44.14	40.01
Burlers, female.....	6	365	108.0	95.7	31.20	27.63
Menders, female.....	7	785	106.0	77.9	39.70	28.65
Laborers, dyehouse, male.....	5	139	108.8	120.4	33.27	37.14
Other employees, male.....	7	1,621	100.1	111.6	34.24	32.01
Other employees, female.....	7	713	107.4	91.9	25.02	21.36

EXPLANATION OF SCOPE AND METHOD.

This report includes data from establishments making woolen and worsted materials for ladies' wear, including dress goods and cloakings; materials for men's wear, including suitings and overcoatings; goods for uniforms; flannels; and blankets. All data were secured from pay rolls of the various establishments by agents of the bureau. The number of establishments included or summarized in the report has varied considerably since 1907, as follows:

Identical establishments.

1907 to 1910.....	19
1910 and 1911.....	27
1911, 1912, and 1913.....	46
1913 and 1914.....	47
1914 and 1916.....	48
1916 and 1918.....	61

In addition to the 61 establishments from which data were secured for both 1916 and 1918, data were secured from 2 establishments for 1918 only, making a total of 63 establishments from which data for 1918 are presented.

In selecting establishments from which to secure data the bureau undertook to represent all States in which woolen and worsted manufacturing is of material importance, the measure of importance being the number of employees as reported by the United States Census of Manufactures. Table 5 shows, by States, the number of employees in this industry as reported by the United States Census, 1910, the number of establishments from which the bureau secured data for 1918, and the number of employees in such establishments:

TABLE 5.—TOTAL NUMBER OF EMPLOYEES IN WOOLEN AND WORSTED GOODS MANUFACTURING AND NUMBER OF EMPLOYEES IN ESTABLISHMENTS FOR WHICH DATA ARE SHOWN FOR 1918.

State.	Number of employees reported by United States census of 1910.	Establishments and employees for which data are shown for 1918 in this report.	
		Number of establishments.	Number of employees.
Massachusetts.....	53,783	12	19,135
Pennsylvania.....	27,409	12	4,324
Rhode Island.....	24,924	5	5,668
New Jersey.....	12,652	3	9,016
New Hampshire.....	9,486	7	5,261
New York.....	9,460	3	2,269
Maine.....	8,754	12	2,598
Connecticut.....	7,789	6	1,344
Vermont.....	2,294	3	2,313
Other States.....	12,171	.....	.....
Total.....	168,722	63	51,928

According to the census of 1910, nearly 93 per cent of the total number of employees in the industry are found in the States in which the establishments furnishing information to the Bureau of Labor Statistics are located. The number of employees for which the bureau secured 1918 data and for which detailed information for 1918 is presented in this report is more than 30 per cent of the total in the industry in 1910.

Full-time hours per week are the regular hours during which, under normal conditions, employees in an occupation are on duty. Full-time hours do not in any way indicate the extent of unemployment. Employees may work overtime, or broken time, or be laid off, or a temporary reduction may be made in working hours without affecting the full-time hours as here presented.

The earnings per hour appearing in the tables include the wages of timeworkers and the earnings of pieceworkers. All time rates not already on an hourly basis have been reduced to rates per hour, and the earnings of pieceworkers and of persons working at both time and piece rates have been reduced to rates per hour by dividing the earnings by the hours worked. For 1918 the pieceworkers and timeworkers of each occupation are shown separately and also combined as one group.

Where there was no record regularly kept of the actual time worked by employees, the establishments, at the request of the bureau, kept a record for the pay-roll period selected.

The full-time weekly earnings are the earnings of employees working full time, or the earnings on broken time reduced to equivalent earnings for a full week. The actual earnings of employees during one pay-roll period are shown in Table D. In this table low earnings may be due either to a low rate or to broken time.

The averages of full-time hours per week, earnings per hour, full-time weekly earnings, and actual earnings are computed by adding the data for each employee and dividing the totals by the number of employees.

Descriptions of all the operations in a representative woolen mill appeared in Bulletin No. 238, U. S. Bureau of Labor Statistics (June, 1918). Figures relating to wages and hours are shown separately for 17 of the more important occupations. The sex of employees is shown for each occupation. Of the 17 occupations tabulated, data are shown for males alone in 7 occupations, for females alone in 5 occupations, and for both males and females in 5 occupations. The occupations, which are arranged in order of manufacture, are as follows:

Wool sorters.
Card tenders.
Card strippers.
Comber tenders.

Drawing frame tenders.
Spinners, mule.
Spinners, frame.
Doffers.

Twister tenders.	Weavers.
Spooler tenders.	Burlers.
Dresser tenders.	Menders.
Drawers-in.	Laborers, dyehouse.
Loom fixers.	

All employees not included under any of the above selected occupations are combined and shown under "Other employees."

GENERAL TABLES.

In addition to the text tables already shown four general tables are produced, as follows:

Table A.—Average and classified full-time hours per week and earnings per hour, and average full-time weekly earnings, in the United States, by years.

In this table the figures opposite each group of years are for identical establishments. When a second line is shown for 1918 it contains all data secured for 1918, whether or not comparable data for 1916 were available.

Table B.—Average and classified full-time hours per week and earnings per hour, and average full-time weekly earnings, in each State, by years, 1916 and 1918.

In this table the figures for both years are for identical establishments, and do not include data from establishments furnishing information for 1918 only.

Table C.—Average and classified full-time hours per week and earnings per hour, and average full-time weekly earnings, for pieceworkers and timeworkers, by States, 1918.

This table includes all data secured for 1918, whether or not comparable data for 1916 were available.

Table D.—Average full-time hours, hours actually worked, full-time earnings, and amounts actually earned, and number of employees working each classified per cent of full time and earning each classified amount, during one pay-roll period, for pieceworkers and timeworkers, by States, 1918.

This table includes data from all establishments from which information was secured for 1918. The table is divided into two sections, one relating to employees whose time and earnings were reported for one week, and the other relating to those whose time and earnings were reported for two weeks in such a way that they could not be divided. A few employees have been omitted from this table, owing to incomplete data.

The purpose of this table is to compare the time actually worked by employees with the full working time of the establishments, and the average amount actually earned with more or less broken time of some employees, with the possible full-time earnings.

55 establishments	1916	422	55.0	318	17.47		267	82	52	21					2		17	102	264	7				
	1918	439	54.6	439	24.65		334	79		26								2	54	288	86	9		
56 establishments	1918	469	54.6	452	24.28		399	104		26								2	83	280	86	9		
Drawers-in, female:																								
52 establishments	1916	424	54.7	250	13.68		266	106	52		7	13	18	23	43	107	122	83	8					
	1918	396	54.2	356	19.24	4	307	86				1		2	8	48	69	155	85	18	1	9		
55 establishments	1918	406	54.2	355	19.23	4	317	85				1		2	8	48	78	159	86	19	1	9		
Loom fixers, male:																								
19 establishments	1907	223	58.0	267	15.49			21	140	52				1	2	61	155	14						
	1908	318	57.9	262	15.17			32	151	35				1	3	47	157	10						
	1909	242	58.1	263	15.28			20	180	58					4	41	186	11						
	1910	260	57.0	270	15.39			172	35	53				2	3	27	212	16						
27 establishments	1910	429	56.6	279	15.76			338	88	53					3	8	27	326	71					
	1911	390	56.6	278	15.70			309	37	44				1	4	24	301	60						
46 establishments	1911	569	56.7	275	15.59			399	126	44					3	98	367	111						
	1912	559	55.9	308	17.13		222	191	125	51						46	292	222	29					
	1913	578	55.7	308	16.56		264	182	142	20				1		30	315	210	2					
47 establishments	1913	581	55.8	297	16.55		224	182	151	24				1		50	325	203	2					
	1914	642	55.0	318	17.29		382	175	48	37						40	291	287	21	2	1			
47 establishments	1914	651	55.1	312	17.18			390	175	48						42	298	287	21	2	1			
	1916	682	54.9	377	20.66	5	398	188	61	30						3	49	399	184	46	1			
60 establishments	1916	794	54.9	381	20.70	5	472	200	80	80						5	61	442	247	46	3			
	1918	837	54.5	552	30.06	6	620	171	40	40							26	270	376	43	123			
61 establishments	1908	848	54.5	562	30.04	6	626	171	40	40								26	270	381	43	123		
Weavers, male:																								
19 establishments	1907	1,658	58.5	308	11.89			185	748	726	84	82	148	321	281	588	185	90	4					
	1908	1,409	58.6	196	11.49			43	849	517	55	101	177	208	254	445	120	43	6					
	1909	1,589	58.5	199	11.66			49	1,001	639	80	112	193	213	247	497	172	68	6					
	1910	1,716	57.8	199	11.60			704	468	544	20	79	175	288	393	562	160	27	2					
27 establishments	1910	2,907	57.1	207	11.79		1,890	453	544	65	124	249	448	552	956	398	117	8						
	1911	2,563	57.1	210	11.97		1,658	361	549	68	102	248	359	888	894	471	101							
46 establishments	1911	4,049	57.1	210	11.97		2,480	1,032	587	120	170	388	609	619	1,411	708	154	5						
	1912	4,475	56.3	237	12.30		1,494	1,267	1,057	663	58	104	202	336	474	1,528	1,184	574	16					
	1913	2,845	56.1	232	12.03		1,227	1,213	1,220	185	60	87	206	355	460	1,281	942	434	20					
47 establishments	1913	2,834	56.3	232	12.06		1,072	1,213	1,316	223	64	86	202	352	463	1,280	939	428	20					
	1914	4,312	55.2	238	13.10		2,617	845	467	363	57	100	185	303	450	1,450	1,280	520	14	2	1			
48 establishments	1914	4,856	55.2	238	13.10		2,617	845	467	367	58	100	185	303	452	1,454	1,337	520	14	3	1			
	1916	4,859	54.9	308	15.86	87	3,066	894	617	195	14	28	50	77	123	823	1,221	1,968	512	39	2	2		
61 establishments	1916	5,431	54.9	304	15.95	87	3,478	929	742	195	19	35	61	92	156	931	1,399	2,167	528	39	2	2		
	1918	5,812	54.5	470	25.52	119	4,262	1,315	501	216	2	2	6	7	5	110	206	1,211	1,957	1,457	622	167		

CARD STRIPPERS: Male.

Connecticut:																				
5 establishments.....	1916	18	55.2	\$0.206	\$11.38			7	7							4	12			
	1918	19	54.6	.306	18.71			7	12								4	16		
Maine:																				
11 establishments.....	1916	48	58.1	.207	12.00					45	3					14	34			
	1918	62	56.0	.326	18.38			51		5	6					1		61		
Massachusetts:																				
10 establishments.....	1916	108	54.5	.204	11.14	1		97		1	9			2		17	89			
	1918	121	54.2	.333	18.07			117		2	2						2	119		
New Hampshire:																				
7 establishments.....	1916	52	55.3	.194	10.72			22	23						5	24	28			
	1918	58	54.4	.293	16.01			54	1		3						2	25	31	
Pennsylvania:																				
5 establishments.....	1916	39	54.6	.248	13.52			16	23								25	14		
	1918	34	54.5	.359	19.58			17	17									8	19	7
Rhode Island:																				
4 establishments.....	1916	15	54.0	.217	11.72			15							5		8			
	1918	23	54.0	.304	16.40			23									2	6	15	
Vermont:																				
2 establishments.....	1916	10	57.7	.221	12.73					10							10			
	1918	30	58.2	.318	18.49					22								1	29	
Other States:																				
4 establishments.....	1916	15	57.5	.197	11.30			2	5							10	5			
	1918	12	57.2	.308	17.57			4	2									4	8	
Total:																				
48 establishments.....	1916	393	55.5	.209	11.61	1		159	58	50	29				2	5	74	206		
	1918	359	54.8	.324	17.77			273	54	7	25						6	50	297	7

COMBERS: Male.

Massachusetts:																			
3 establishments.....	1916	191	55.0	\$0.208	\$11.45			158			33					92	98	1	
	1918	181	55.7	.330	18.38			130			51						1	0	174
Other States:																			
5 establishments.....	1916	88	59.3	.178	10.58			4	4	5	70				64	19			
	1918	63	59.2	.267	14.98			38	3		22						34	20	9
Total:																			
8 establishments.....	1916	274	56.3	.199	11.18			162	4	5	103				64	111	98	1	
	1918	244	55.8	.314	17.50			168	3		73						35	26	183

TABLE E.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1916 AND 1918.—Continued

COMBERS: Female.

State and number of establishments.	Year.	Number of employ-ees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					Employees whose earnings per hour were—																
						Under 48.	48 and under 54.	54	Over 54 and under 57.	57 and under 60.	60 and over.	Under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 and under 60 cents.	60 and under 70 cents.	70 cents and over.				
New Jersey: 2 establishments.....	1916	65	52.8	\$0.178	\$9.40		28		37						2	35											
	1918	141	52.9	.255	13.54		59		32								2	68		66	10						
Pennsylvania: 4 establishments.....	1916	29	54.0	.191	10.29			29						1	6	4	14		1	3	23		4	5			
	1918	27	54.0	.297	16.08			37											3								
Rhode Island: 2 establishments.....	1916	49	53.5	.179	9.57		6	48									36	13									
	1918	57	49.8	.281	13.95	7		50											6		44	7					
Other States: 2 establishments.....	1916	35	54.9	.165	9.00			14	21					1	14	15	3										
	1918	73	54.0	.228	12.31			73									30	24			18			1			
Total: 10 establishments.....	1916	178	53.5	.177	9.46		34	86	58					2	22	90	30	29		3							
	1918	308	52.7	.259	13.31	7	59	160	82								35	95		151	21		6				

DRAWING-FRAME TENDERS: Male.

Massachusetts: 2 establishments.....	1916	145	53.9	\$0.171	\$9.27	1		145							2	141	3										
	1918	69	54.0	.278	16.44			69									1	5		58	3	2					
Other States: 3 establishments.....	1916	65	57.3	.195	11.16			17	8	17	23			1	1	9	47	1	1	4	2						
	1918	111	54.1	.263	14.26			103	8								1	56		39	10	4		1			
Total: 5 establishments.....	1916	211	55.0	.178	9.90	1		162	8	17	23			1	3	150	50	1	4	2							
	1918	180	54.1	.259	15.09			172	8								2	61		97	13	6		1			

DRAWING-FRAME TENDERS: Female.

Massachusetts:																				
3 establishments.....	1916	696	53.9	\$0.173	\$9.31	8	678					2	643	35	6					
	1918	592	54.0	.262	14.13	1	591								62	528	2			
New Jersey:																				
2 establishments.....	1916	339	53.1	.175	9.28		128					3	40	166	17	113				
	1918	499	53.4	.266	13.68	1	152								226	226	47			
Pennsylvania:																				
4 establishments.....	1916	131	53.3	.154	8.21	3	11	117			7	53	17	25	16	13				
	1918	111	54.0	.240	12.96			111					1	12	3	54	29	12		
Rhode Island:																				
3 establishments.....	1916	265	52.9	.157	8.84		74	191					61	184	20					
	1918	248	53.4	.237	13.68	5	25	218								228	1	18	1	
Other States:																				
2 establishments.....	1916	182	55.5	.169	9.40			184	28			18	55	61	28	18	1			
	1918	266	48.8	.236	11.59	42		198	25				1	48	106	92	19			
Total:																				
14 establishments.....	1916	1,603	53.7	.170	9.15	11	211	986	367	28		7	74	176	1,079	116	150	1		
	1918	1,716	52.9	.252	13.31	49	187	1,118	362				1	13	51	676	876	98	1	

SPINNERS, MULE: Male.

Connecticut:																				
5 establishments.....	1916	60	56.2	\$0.280	\$15.62			14	29							22	13	21	1	
	1918	72	54.7	.418	22.85			24	48							2	1	34	19	15
Maine:																				
11 establishments.....	1916	166	58.1	.290	16.83					160	6				8	55	44	56	8	
	1918	212	54.6	.600	32.78			167	25	10	10	1					15	33	48	58
Massachusetts:																				
10 establishments.....	1916	471	54.5	.336	18.23			432		9	30					82	93	293	52	1
	1918	380	54.3	.551	29.81			368		5	7					1	17	113	185	90
New Hampshire:																				
7 establishments.....	1916	126	54.8	.306	16.78			57	64		5					21	47	46	11	1
	1918	138	54.3	.537	28.05			125	6		7						28	32	41	22
New Jersey:																				
2 establishments.....	1916	112	54.1	.372	20.15		21		91								2	77	31	2
	1918	154	54.4	.444	24.13		19		135								1	4	44	65
New York:																				
3 establishments.....	1916	96	56.4	.301	17.28			57			39					53	2	11	27	3
	1918	105	59.4	.458	27.18			11			94						7	39	18	22
Rhode Island:																				
3 establishments.....	1916	85	54.0	.323	17.46			85								15	10	59	1	
	1918	123	54.0	.427	23.04			123								1	4	51	38	25
Pennsylvania:																				
3 establishments.....	1916	51	54.5	.257	14.05			22	29							13	82	6		
	1918	115	53.3	.383	20.42		55	6	54							3	4	60	47	1

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1916 AND 1918—Continued.

SPINNERS, MULE: Male—Concluded.

State and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					Employees whose earnings per hour were—														
						Under 48.	48 and under 54.	54	Over 54 and under 57.	57 and under 60.	60 and over.	Under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 and under 60 cents.	60 and under 70 cents.	70 cents and over.		
Vermont: 2 establishments.....	1916	55	57.8	\$0.264	\$15.24					55						35	10	9	1						
	1918	132	57.8	.472	27.32				75	57							40	48	29	14					1
Total: 46 establishments.....	1916	1,222	55.3	.316	17.51		21	667	213	224	97			1	2	3	246	253	578	132	7				
	1918	1,431	54.9	.499	27.42		74	824	343	15	175	1				8	20	328	413	355	206	100			

SPINNERS, FRAME: Male.

Massachusetts: 2 establishments.....	1916	260	53.9	\$0.192	\$10.35	2		258						3	56	73	128								
	1918	151	53.0	.319	16.91	18		183									11	50	85	4	1				

SPINNERS, FRAME: Female.

Massachusetts: 3 establishments.....	1916	629	53.9	\$0.188	\$10.11	8		521						8	101	329	96								
	1918	604	53.6	.299	16.13	30		574									22	308	269	5					
New Jersey: 2 establishments.....	1916	136	52.9	.194	10.27	1	55	80						9	56	16	55								
	1918	152	53.0	.287	15.18	2	58	92									6	77	69						
Pennsylvania: 4 establishments.....	1916	165	58.0	.149	7.95	3	24	138						85	23	24	30	3							
	1918	132	54.0	.231	12.50			132								19	17	41	52	3					

Rhode Island: 3 establishments.....	1916	191	54.0	.172	9.30								1	24	141	8	7							
	1918	221	54.0	.252	13.61											1	179	5	36					
Other States: 2 establishments.....	1916	191	55.4	.179	9.02								1	5	33	4	131	17						
	1918	207	45.7	.268	12.27	53					123	81				4	29	128	48					
Total: 14 establishments.....	1916	1,292	53.9	.189	9.68	12	79	840	245	26			1	91	92	326	514	178						
	1918	1,316	52.4	.278	14.03	85	58	1,050	123							19	22	277	568	425	5			

DOFFERS: Male.

Massachusetts: 3 establishments.....	1916	236	49.4	\$0.164	\$8.16	124									185	3	16	17	10	5				
	1918	102	51.0	.297	15.27	35										29	18	35	10					
Rhode Island: 2 establishments.....	1916	19	54.0	.135	6.75								4	12	3									
	1918	36	49.1	.179	8.79	20									6	23		7						
Total: 5 establishments.....	1916	255	49.8	.161	8.05	124							4	12	188	3	16	17	10	5				
	1918	138	50.5	.266	13.58	55									6	23		46	18	35	10			

DOFFERS: Female.

Massachusetts: 3 establishments.....	1916	298	49.5	\$0.147	\$7.31	149									275	5	6	2						
	1918	197	48.6	.233	11.40	115											1	160	15	7	4			
Pennsylvania: 4 establishments.....	1916	53	50.6	.109	5.53	9	15	29					40	12	1									
	1918	109	53.7	.188	10.12	5		90	14						15	44	22	19	9					
Rhode Island: 2 establishments.....	1916	135	53.9	.124	6.69			132							165									
	1918	165	50.5	.186	9.45	66		99										120	9	36				
Other States: 3 establishments.....	1916	233	54.9	.133	7.28		12	210		11					167	52	1	12	1					
	1918	388	46.2	.198	9.17	119	14	181	54									268	85	14		1		
Total: 12 establishments.....	1916	709	52.2	.135	7.05	158	30	300	210	11			40	314	328	6	18	3						
	1918	829	48.6	.203	9.85	305	14	442	68						15	164	300	300	38	7	5			

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1916 AND 1918.—Continued

SPINNING TENDERS: Female.

State and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						Employees whose earnings per hour were—																
						Under 48.	48 and under 54.	54	Over 54 and under 57.	57 and under 60.	60 and over.	Under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 and under 60 cents.	60 and under 70 cents.	70 cents and over.					
Massachusetts: 3 establishments.....	1916	438	53.9	\$0.182	\$9.78	4		434					1	26	103	289	25	1										
	1918	364	53.8	.203	14.14	9		355								2	56	286	20									
New Jersey: 2 establishments.....	1916	94	54.9	.163	8.93	1			98					26	60	8												
	1918	54	53.2	.230	12.23	5	9		40							7	32	15										
New York: 2 establishments.....	1916	79	54.0	.149	8.06			79																				
	1918	48	54.0	.232	12.51			48									48											
Pennsylvania: 6 establishments.....	1916	198	58.8	.185	8.86		6	192					51	42	51	39	13	2										
	1918	175	53.8	.270	14.55	8		172					1		2	4	59	60	48									
Rhode Island: 5 establishments.....	1916	139	54.0	.183	9.90			139					3		106	9	17	4										
	1918	98	54.0	.245	13.25			98									83	9	1									
Other States: 5 establishments.....	1916	80	56.5	.178	10.02			18	24	43			1	25	23	12	18	1										
	1918	59	54.8	.241	13.18	1		31	27						2	30	23	2										
Total: 23 establishments.....	1916	1,028	54.2	.174	9.43	5	6	837	117	48			56	177	358	357	73	7										
	1918	793	53.9	.267	13.82	18	9	699	67				1		4	15	308	303	71	1								

SPOOLER TENDERS: Female.*

Connecticut: 6 establishments.....	1916	46	54.6	\$0.195	\$10.61			19	27				4		3	6	14	4	3									
	1918	43	52.9	.272	14.46	8		11	24					6	6	1	9	12	4	13	4							
Maine: 12 establishments.....	1916	85	58.0	.181	10.51					35			2	13	25	10	12	13	7	8								
	1918	110	54.0	.367	19.82			110						1			9	21	35	38	6							

Massachusetts:																					
10 establishments.....	1916	818	53.5	.178	9.52	46	72														
	1918	637	53.0	.278	14.79	76	561														
New Hampshire:																					
5 establishments.....	1916	48	54.5	.190	10.92		23	23													
	1918	51	54.0	.263	19.61		51			1	6	5	7	5	14	6	2				
New Jersey:																					
3 establishments.....	1916	84	53.8	.157	8.43	10		74													
	1918	163	54.4	.249	13.55	9		153													
New York:																					
3 establishments.....	1916	60	54.0	.192	10.36		60														
	1918	67	54.0	.269	14.53		67														
Pennsylvania:																					
9 establishments.....	1916	177	53.2	.145	7.78	13	163														
	1918	197	53.9	.218	11.75	1	196														
Rhode Island:																					
4 establishments.....	1916	169	54.0	.186	8.95		160														
	1918	150	53.4	.248	13.26	10	149														
Vermont:																					
3 establishments.....	1916	95	57.9	.174	10.11			95													
	1918	90	56.0	.233	13.07			90													
Total:																					
55 establishments.....	1916	1,571	54.1	.173	9.40	69	1,197	124	180	74	114	486	482	110	179	81	44	1			
	1918	1,507	53.6	.270	14.52	104	1,136	267		1	6	23	36	67	787	187	235	106	54	6	

DRESSER TENDERS: Male.

Connecticut:																					
6 establishments.....	1916	28	55.4	\$0.295	\$16.29		4	21						1		1	12	14			
	1918	27	54.8	.428	23.46		6	21									1	8	20		
Maine:																					
11 establishments.....	1916	36	53.0	.278	16.13				36							2	32	2			
	1918	33	54.0	.410	22.13		33											5	28		
Massachusetts:																					
12 establishments.....	1916	158	54.0	.332	17.94		158									8	18	186	5		
	1918	162	54.0	.498	26.87		162											6	80	68	9
New Hampshire:																					
7 establishments.....	1916	38	54.6	.300	16.37		14	24								1	16	20			
	1918	42	54.3	.427	23.15		41											10	32		
New York:																					
3 establishments.....	1916	22	53.9	.275	16.15		4											5			
	1918	30	59.0	.400	23.66		5											16	17		
Pennsylvania:																					
6 establishments.....	1916	31	54.6	.344	18.81		12	19										1	23	2	
	1918	42	54.5	.453	24.68		22	20											2	38	2
Rhode Island:																					
5 establishments.....	1916	75	54.0	.338	18.25		75											4	7		
	1918	65	54.0	.470	25.30		65											1	3	58	5

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1916 AND 1918—Continued.

DRESSEE TENDERS: Male—Concluded.

State and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						Employees whose earnings per hour were—												
						Under 48.	48 and under 54.	54	Over 54 and under 57.	57 and under 60.	60 and over.	Under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 and under 60 cents.	60 and under 70 cents.	70 cents and over.	
New Jersey: 2 establishments.....	1916	18	55.0	\$0.296	\$16.29				18						7	1	10							
	1918	21	55.0	.420	15.42				21								10						11	
Vermont: 2 establishments.....	1916	16	57.8	.202	17.45					16						8	8							
	1918	17	56.0	.440	24.63				17													17		
Total: 55 establishments.....	1916	422	55.0	.318	17.47			267	82	52	21				17	102	294	7						
	1918	439	54.6	.459	24.66			324	79	26	26				2		54	288	86			9		

D BAWERS-IN: Female.

Connecticut: 6 establishments.....	1916	20	54.8	\$0.254	\$13.04			4	16					1	3	5	4	2						
	1918	17	54.8	.405	22.16			4	13					1	2	2	2	5	4	1				
Maine: 10 establishments.....	1916	26	58.0	.215	12.30					26														
	1918	24	53.3	.381	20.25		2		22							5	8	11						
Massachusetts: 12 establishments.....	1916	148	54.0	.254	18.71			148						3	18	8	14	36	31	39	4			
	1918	136	53.9	.372	20.04		2	134						1		11	20	54	43	5				2
New Hampshire: 7 establishments.....	1916	48	54.7	.255	18.94			15	33					1	2	3	3	10	23	6				
	1918	58	54.0	.264	14.28			58						1		7	26	7	14	3				
New Jersey: 3 establishments.....	1916	57	55.0	.262	14.40				57							2	22	23	10					
	1918	47	55.0	.375	20.65				47								9	25	10	1				2
New York: 2 establishments.....	1916	14	54.0	.173	9.33			14						1	1		5	6	1					
	1918	15	54.0	.279	15.08			15								2	10	3						

Pennsylvania: 5 establishments.....	1916	23	54.0	.229	12.35									1	5	8	9				
	1918	19	54.0	.315	17.02											5		18	1		
Rhode Island: 4 establishments.....	1916	62	54.0	.253	13.66				3	7	2			1	4	14	11	18	2		
	1918	56	54.0	.404	21.94									1		2	11	19	9	8	5
Vermont: 3 establishments.....	1916	26	57.9	.379	18.17			26								7	18	6			
	1918	25	56.0	.345	19.31											5	5	17	3		
Total: 52 establishments.....	1916	424	54.7	.250	13.68				7	13	18			23	43	107	122	83	8		
	1918	396	54.3	.355	19.24	4		266	106	52				2	8	48	69	155	85	18	1	9

LOOM FIXERS: Male.

Connecticut: 6 establishments.....	1916	26	55.7	40.254	19.60			2	15									3	12	5		
	1918	22	54.8	.506	27.07			4	18										8	12	3	4
Maine: 12 establishments.....	1916	45	58.0	.312	18.09					44	1							10	35			
	1918	52	54.0	.472	25.46			22											8	38	11	
Massachusetts: 11 establishments.....	1916	286	54.0	.410	22.13			286										2	160	78	145	1
	1918	286	54.0	.646	34.37			286											8	138	6	118
New Hampshire: 7 establishments.....	1916	80	54.8	.315	17.27			15	65									10	64			
	1918	97	54.2	.463	25.06			94			3								7	88	7	
New Jersey: 3 establishments.....	1916	113	54.8	.387	21.21			5		108						1	8	40	63	1		
	1918	89	54.7	.557	30.45			6		83									29	25	30	5
New York: 3 establishments.....	1916	30	56.2	.309	18.24			4			26					2	9	19	5			
	1918	33	56.2	.447	26.66			5			23								5	28	5	
Pennsylvania: 10 establishments.....	1916	80	54.2	.395	21.41			71	18							2	1	21	62			2
	1918	108	54.4	.511	27.81			77	28		3							5	28	77		3
Rhode Island: 5 establishments.....	1916	95	54.0	.387	20.92			95										1	56	38		
	1918	103	54.0	.541	29.24			103										3	13	87		
Vermont: 3 establishments.....	1916	36	57.9	.383	18.94					26								1	35			
	1918	43	56.1	.467	26.20					42	1									36	7	
Total: 60 establishments.....	1916	794	54.9	.381	20.70			5	473	206	80	30				5	51	442	247	46	3	
	1918	837	54.5	.532	30.06			6	620	171	80	40						26	270	375	43	123

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1916 AND 1918.—Continued

WEAVERS: Male.

State and number of establishments.	Year.	Number of employ-ees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					Employees whose earnings per hour were—															
						Under 48.	48 and under 54.	54	Over 54 and under 57.	57 and under 60.	60 and over.	Under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 and under 60 cents.	60 and under 70 cents.	70 cents and over.			
Connecticut: 6 establishments.....	1916	821	55.5	40.811	\$17.22			29	253		39	2	1	1	3	5	39	78	174	17					1	
	1918	429	54.8	.466	25.51			72	357						2	1	11	9	64	197				102	43	1
Maine: 12 establishments.....	1916	469	58.0	.297	17.28					460	9	5	5	14	6	14	92	127	156	38	8	1				
	1918	521	54.0	.553	29.89			521									21	53	80	163	150					54
Massachusetts: 12 establishments.....	1916	2,133	54.0	.318	17.15			2,133				2	7	16	24	48	282	506	965	261	22					
	1918	2,087	54.0	.485	26.19			2,087				1	1	1	1	18	76	394	712	569	231					83
New Hampshire: 7 establishments.....	1916	475	54.6	.294	16.04			207	260		8	8	2	2	4	7	87	183	161	24	2					
	1918	488	53.8	.463	24.87		41	417	18		12				1	1	12	21	88	193	126	39				7
New Jersey: 3 establishments.....	1916	468	54.1	.270	14.60			87	381			2	6	10	23	29	123	122	129	23	1					
	1918	386	54.0	.406	21.92			78	308							1	13	20	139	153	43	11				2
New York: 3 establishments.....	1916	176	58.7	.258	15.08			37			139					5	86	52	26	4						
	1918	248	58.4	.366	21.18			65			183	1				25	42	105	48	28	3					1
Pennsylvania: 10 establishments.....	1916	410	54.1	.281	15.18			375	35			1	4	5	10	20	74	132	157	7						
	1918	510	54.9	.395	21.46			353	165				1	2		1	15	39	191	221	40					
Rhode Island: 5 establishments.....	1916	697	54.0	.320	17.28			697				1	7	6	13	13	100	146	294	111	5					1
	1918	747	54.0	.480	26.94			747					1	1	1		12	21	116	245	248	93				9
Vermont: 3 establishments.....	1916	282	57.9	.308	17.84				282			3	3	6	7	15	48	53	102	43	1					1
	1918	396	56.2	.493	27.72											4	17	61	113	138	53					10
Total: 61 establishments.....	1916	5,431	54.9	.304	15.95			87	3,478	929	742	195	19	35	61	92	156	631	1,399	2,167	528	39	2			2
	1918	5,812	54.5	.470	25.52			119	4,262	1,215		216	2	2	6	7	5	110	260	1,211	1,957	1,457	622			167

WEAVERS: Female.

Connecticut: 6 establishments.....	1916	48	54.7	\$0.336	\$18.35														1		10	33	4										
	1918	60	54.7	.478	26.09				15	33									21	29	1	14	20	16		8							
Maine: 12 establishments.....	1916	219	58.0	.271	15.74					219										6	5	5	9	20	47	50	62	13	2				
	1918	337	54.0	.498	26.97					337											8	5	9	2	13	16	44	74	111	63		14	
Massachusetts: 12 establishments.....	1916	1,395	54.0	.298	16.08					1,395										1	6	10	20	56	292	337	631	120	4				
	1918	1,648	54.0	.449	24.26					1,648											2	2	1	3	25	92	459	565	347	129		25	
New Hampshire: 7 establishments.....	1916	576	54.9	.267	14.65					62	514									1	4	7	7	32	143	268	104	10	2				
	1918	635	54.0	.387	20.89					635											6	2	6	6	46	88	205	199	62	19		2	
New Jersey: 3 establishments.....	1916	1,083	54.2	.252	13.63					178	905									6	11	46	79	77	309	815	292	8					
	1918	1,075	54.1	.357	19.30					188	887									1	1	2	8	14	91	165	463	273	50	6		1	
New York: 3 establishments.....	1916	124	54.0	.285	12.72					124										1		1	2	2	82	40	6						
	1918	199	54.0	.316	17.06					199											1	1	3	4	21	62	99	17	2				
Pennsylvania: 10 establishments.....	1916	422	54.0	.256	13.82					422											3	12	29	24	117	148	86	8					
	1918	629	54.0	.366	19.78					629											2	5	8	8	33	70	272	197	30	1			
Rhode Island: 5 establishments.....	1916	504	54.0	.249	13.42					504											1	10	16	34	53	153	147	83	6	1			
	1918	513	53.8	.368	20.87			10		503												1	7	4	29	60	200	124	64	11		3	
Vermont: 3 establishments.....	1916	124	57.9	.210	17.97						124											1	2	1	4	21	33	44	17	1			
	1918	199	56.0	.458	25.65					199												2	1	4	8	11	38	82	46	17		2	
Total: 61 establishments.....	1916	4,505	54.5	.271	14.76					178	2,532	1,452	343								16	39	99	190	269	1,164	1,246	1,181	191	10			
	1918	5,295	54.1	.406	21.90			10		188	3,972	1,125									8	16	11	29	41	282	555	1,794	1,561	728	254		47

BURLERS: Female.

Connecticut: 6 establishments.....	1916	47	54.8	\$0.196	\$10.73																												
	1918	43	54.7	.338	18.46					8	39											7	3	5	9	18	5						
Maine: 9 establishments.....	1916	58	58.0	.145	8.04																												
	1918	64	54.0	.243	13.14					64		58									2	14	34	3	4	1							
Massachusetts: 9 establishments.....	1916	700	54.0	.189	10.18	2				668																							
	1918	667	54.0	.224	15.34					667												4	28	192	169	68	166	65	8				
New Hampshire: 7 establishments.....	1916	293	54.9	.188	10.33					30	233																						
	1918	293	54.0	.279	15.07					293												5	79	16	44	102	17						
New Jersey: 3 establishments.....	1916	226	54.8	.180	9.84					10		216																					
	1918	255	54.2	.269	14.61					41		214										2	17	30	77	42	45	1					

GENERAL TABLES.

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TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1916 AND 1918.—Continued.

BURLERS: Female—Concluded.

State and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					Employees whose earnings per hour were—															
						Under 48.	48 and under 54.	54	Over 54 and under 57.	57 and under 60.	60 and over.	Under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	14 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 and under 60 cents.	60 and under 70 cents.	70 cents and over.			
New York:																										
3 establishments.....	1916	77	54.0	\$0.202	\$10.67			77						1		36				40						
	1918	78	54.0	.261	14.10			78								36				38	23		7			
Pennsylvania:																										
10 establishments.....	1916	228	54.0	.168	9.07			228				7	28	70	35	56				32						
	1918	205	54.0	.237	12.80			205						1	5	62				39	78		20			
Rhode Island:																										
5 establishments.....	1916	181	54.0	.215	11.04			181				15	16	12	12	10				40	73		3			
	1918	184	53.8	.326	17.54	5		179					2		3	3				41	33		57	43	2	
Vermont:																										
3 establishments.....	1916	109	57.9	.102	9.39				109			7	33	23	11	19				10	5		1			
	1918	78	56.0	.215	12.03				78					2	7	3				60	6					
Total:																										
65 establishments.....	1916	1,889	54.6	.185	10.09	2	10	1,222	488	167		37	148	444	328	288				454	177	13				
	1918	1,807	54.1	.276	14.94	5	41	1,500	321				2	6	21	107				669	505	372		90	27	1

MENDEES: Female.

Connecticut:																										
8 establishments.....	1916	53	54.8	\$0.250	\$14.05			5	45				2			3				23	21		1			
	1918	51	55.0	.336	18.49			2	49							2				2	10		33	4	2	
Maine:																										
10 establishments.....	1916	75	58.0	.185	10.73									1		2				8						
	1918	72	54.0	.294	15.86			72								17	47			13	37		22			
Massachusetts:																										
11 establishments.....	1916	880	53.9	.248	13.37	12		868				15	16	27	43	69				308	241	146		15		
	1918	887	54.0	.357	19.29			887				2	4	1	6	7				44	138	476		163	43	11
New Hampshire:																										
6 establishments.....	1916	42	54.5	.215	11.75			19	23						1	10				29	2					
	1918	39	54.0	.273	14.74			39												15	19		5			
New York:																										
2 establishments.....	1916	93	54.0	.216	11.65			93													8					
	1918	161	54.0	.307	16.59			161								1				8	2					

Pennsylvania:																						
9 establishments.....	1916	228	54.0	.244	13.16			238					4	11	28	89	78	28				
	1918	203	54.0	.355	19.15			203							18	36	93	50	5	1		
Rhode Island:																						
5 establishments.....	1916	304	54.0	.266	13.23			304		8	5	5	6	5	171	89	46	8	1			
	1918	176	54.0	.374	20.20			176							3	11	109	41	12			
Vermont:																						
3 establishments.....	1916	64	57.9	.272	13.42				64				9	6	5	24	11	9				
	1918	64	56.0	.367	20.00				64						1	12	31	18	2			
Other States:																						
1 establishment.....	1916	28	55.0	.234	13.39			28								5	23					
	1918	32	55.0	.408	22.14			32								9	18	11	5			
Total:																						
53 establishments.....	1916	1,767	54.3	.245	13.23	12		1,520	96	139		19	23	47	84	175	735	414	248	18	4	
	1918	1,685	54.1	.349	18.91			1,540	145			2	4	1	6	8	107	307	890	277	69	11

LABORERS, DYEHOUSE: Male.

Connecticut:																				
5 establishments.....	1916	58	55.8	\$0.198	\$10.98			8	46					7						
	1918	50	55.2	.313	17.28			9	40					1						
Maine:																				
11 establishments.....	1916	58	58.0	.194	11.23					58										
	1918	75	54.2	.315	17.06			75						2						
Massachusetts:																				
12 establishments.....	1916	791	54.1	.194	10.62			774						17		1	584	205	1	
	1918	662	53.8	.305	15.38	2	33	627									5	296	358	3
New Hampshire:																				
7 establishments.....	1916	143	54.9	.200	11.00			20	133											
	1918	161	54.2	.307	16.62			166						5						
New Jersey:																				
2 establishments.....	1916	237	55.7	.212	11.69				220					17	1					
	1918	267	55.5	.313	17.35				254					18	1					
New York:																				
3 establishments.....	1916	49	59.4	.174	10.85			5												
	1918	87	58.5	.289	16.87			22												
Pennsylvania:																				
7 establishments.....	1916	71	54.4	.207	11.28			43	28											
	1918	82	54.5	.301	16.49			24	44											
Rhode Island:																				
5 establishments.....	1916	209	55.8	.188	10.50			183												
	1918	150	54.0	.288	15.59			150												
Vermont:																				
2 establishments.....	1916	23	57.8	.190	10.98															
	1918	72	57.7	.291	16.70				57											
Total:																				
55 establishments.....	1916	1,636	55.0	.197	10.63			983	411	157		85	1	2						
	1918	1,608	54.7	.304	16.60	2	33	1,071	395			105			1					1

TABLE B.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, IN EACH STATE, BY YEARS, 1916 AND 1918—Continued.

OTHER EMPLOYEES: Male.

State and number of establishments.	Year.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					Employees whose earnings per hour were—														
						Under 48.	48 and under 54.	54	Over 54 and under 57.	57 and under 60.	60 and over.	Under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 and under 60 cents.	60 and under 70 cents.	70 cents and over.		
Connecticut:																									
6 establishments.....	1916	382	55.9	\$0.248	\$12.96			107	231	1	43	11	17	5	25	76	119	73	46	8	2				
	1918	407	55.4	.352	19.48	20		101	268		18	2	1	2	5	10	26	80	188	51	24	10		8	
Maine:																									
12 establishments.....	1916	708	59.1	.229	13.54					668	40	8	19	35	36	286	139	88	58	25	12	2			
	1918	783	55.5	.334	16.52	8		644	10	36	65					4	56	73	537	89	14	9		1	
Massachusetts:																									
12 establishments.....	1916	6,327	54.7	.226	12.33	173	1	5,583	1	48	521	12	22	326	900	1,828	1,405	727	907	70	20	10	10		
	1918	6,527	54.5	.341	18.57	417	6	5,366	2	18	718	3	1	1	3	20	755	1,591	2,731	831	80	20	10	18	
New Hampshire:																									
7 establishments.....	1916	1,827	55.5	.218	12.09			1	391	1,265	2	168	2	33	73	811	513	505	226	125	21	13	4	1	
	1918	1,666	54.6	.303	16.54	20		1,572	3	3	68			1	2	1	23	181	692	626	119	20	1		
New Jersey:																									
3 establishments.....	1916	3,521	56.3	.224	12.63	100	66	2,699		656	32	58	109	207	408	1,869	588	216	31	11	2				
	1918	3,485	55.7	.331	18.41	91	512	2,709	64	369	1	1	2	17	57	73	580	2,633	266	42	12	1		1	
New York:																									
2 establishments.....	1916	922	60.6	.213	12.89	1		61		860				34	324	139	242	57	62	21	7	3	4		
	1918	796	60.5	.301	18.15			106		690				1	1	4	128	296	800	56	8	2			
Pennsylvania:																									
12 establishments.....	1916	972	55.0	.225	12.36	14	26	622	252		58	52	53	78	59	135	284	158	141	17		1			
	1918	978	55.5	.330	18.31	10		623	270	2	73	3	3	12	23	43	102	210	366	143	54	15		2	
Rhode Island:																									
5 establishments.....	1916	1,687	54.7	.228	12.50			1,016	2	11	58	8	126	100	240	244	470	196	281	36	5	1			
	1918	1,596	54.3	.328	17.82	125	3	1,383	3	3	74	1		1	81	26	267	338	524	255	79	20		12	
Vermont:																									
3 establishments.....	1916	632	58.1	.224	13.03					619	11			28	27	247	131	91	57	11	5	4		4	
	1918	670	57.8	.316	18.29	1				698				2	1	0	52	461	259	70	10	2		7	
Total:																									
63 establishments.....	1916	16,978	55.8	.225	12.51	268	96	8,380	4,450	1,349	2,415	132	376	783	2,219	3,876	5,164	2,204	1,873	230	75	27		19	
	1918	17,308	55.3	.330	18.24	692	521	9,820	3,963	1,26	2,168	10	7	23	132	195	1,630	4,321	3,166	1,880	763	137		44	

OTHER EMPLOYEES: Female.

Connecticut:																						
6 establishments.....	1916	79	54.9	\$0.168	\$9.20		9	70		8	12	26	12	3	7	9	2					
	1918	79	53.5	.229	12.23	6	6	18	49		2	7	5	24	27	3	5	6				
Maine:																						
11 establishments.....	1916	109	58.1	.150	8.99				106	3	6	24	23	24	1	4	2					
	1918	146	53.9	.256	13.82		3	143					6	4	63	55	16	2				
Massachusetts:																						
12 establishments.....	1916	1,953	53.5	.172	9.23	120		1,833		28	86	375	1,031	176	177	30	84	6				
	1918	2,180	53.1	.260	13.82	211	4	1,935		1	6	7	7	55	915	928	197	40	26			
New Hampshire:																						
7 establishments.....	1916	566	54.9	.165	9.05			57	509		51	134	89	67	89	129	6	1				
	1918	501	53.5	.233	12.48	28		473		2	4	41	12	112	154	119	56	1				
New Jersey:																						
3 establishments.....	1916	1,971	53.6	.170	9.09	132	290	1,558		1	35	253	442	651	223	303	43	17	4			
	1918	1,843	53.5	.252	13.47	164	231	1,447			3	8	48	76	838	617	223	27	1		1	
New York:																						
3 establishments.....	1916	197	54.1	.153	8.37			194		3	33	45	57	21	12	26	8					
	1918	243	54.0	.253	13.54			243			1		1	4	15	99	98	25				
Pennsylvania:																						
11 establishments.....	1916	525	53.7	.158	8.46	18	1	506		57	151	146	49	42	59	17	4					
	1918	437	53.9	.229	12.33	3		434		9	5	36	61	93	118	77	32	18	1	2		
Rhode Island:																						
5 establishments.....	1916	824	53.9	.171	9.22		19	805		21	113	277	201	63	126	17	14			1	1	
	1918	795	52.7	.247	13.06	61	17	717		6	1	5	81	55	398	163	79	7				
Vermont:																						
3 establishments.....	1916	123	56.0	.145	8.05				123		16	42	35	12	15	1	1			1		
	1918	139	56.0	.228	12.78				139		1			2	69	30	21	10		5	1	
Total:																						
61 establishments.....	1916	6,347	53.9	.168	9.05	270	300	3,404	2,137	229	7	265	870	1,485	2,068	614	832	138	72	11		1
	1918	6,362	53.4	.250	13.37	473	261	3,993	1,635		20	21	105	2,210	503	2,637	2,079	643	106	29	2	1

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GENERAL TABLES.

TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1918.

WOOL SORTERS: Male.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						Employees whose earnings per hour were—											
							Under 48.	48 and under 54.	54	Over 54 and under 57.	57 and under 60.	60 and over.	Under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 and under 70 cts.	70 cents and over.
Massachusetts.....	Piece....	2	122	54.0	\$0.500	\$26.98			122								1	15	106					
	Time....	4	168	54.0	.459	24.78			168				1				46	5	116					
	Total..	6	290	54.0	.476	25.71			290				1				47	20	222					
New Hampshire..	Piece....	1	44	54.0	.436	23.57			44						1	1	16	11	15					
	Time....	8	7	54.0	.444	23.97			7									7						
	Total..	4	51	54.0	.437	23.62			51						1	1	16	18	15					
New Jersey.....	Piece....	2	39	55.0	.416	23.90			39							2	14	18	5					
Rhode Island....	Piece....	1	78	54.0	.481	25.98			78							1	15	12	49	1				
	Time....	1	24	54.0	.513	27.70			24									24						
	Total..	2	102	54.0	.498	26.38			102							1	16	12	73	1				
Other States.....	Piece....	1	4	54.0	.541	29.23			4									1	3					
	Time....	5	52	57.4	.390	20.34			22	1		20				30	3	9	9	1				
	Total..	6	56	57.1	.373	20.97			26	1		20				30	3	10	12	1				
All States.....	Piece....	7	287	54.1	.474	25.66			248	36					1	4	46	57	178	1				
	Time....	13	251	54.7	.443	24.12			231	1		20		1		30	49	21	149	1				
	Total..	20	538	54.4	.460	24.94			469	40		20		1		34	95	78	327	2				

CARD TENDERS: Male.

Connecticut.....	Time.....	5	23	54.3	\$0.277	\$15.06	1		7	14							1	20	1				
Maine.....	do.....	10	82	54.8	.290	15.88			62	9		11					13	31	38				
Massachusetts.....	do.....	9	196	54.5	.281	15.37	12		147		8	29					8	166	22				
New Hampshire.....	Piece.....	1	1	54.0	.269	14.53			1									1					
	Time.....	7	102	54.8	.276	15.17			88	4		10					23	43	36				
	Total.....	7	103	54.8	.276	15.16			89	4		10					23	44	36				
New Jersey.....	Time.....	2	61	53.2	.329	17.43		22		39								8	49	4			
New York.....	do.....	2	24	59.0	.297	15.73			4			20					13	9	2				
Pennsylvania.....	do.....	5	53	54.4	.305	16.62			30	23							2	22	25	4			
Rhode Island.....	do.....	4	41	54.3	.265	14.43	2		34			5			2		4	31	4				
Vermont.....	do.....	2	17	59.8	.305	18.30				9		8						11	6				
All States.....	Piece.....	1	1	54.0	.269	14.53			1									1					
	Time.....	47	598	54.8	.287	15.75	15	22	372	98	8	83			2		64	341	183	8			
Total.....	Total.....	47	599	54.8	.287	15.75	15	22	373	98	8	83			2		64	342	183	8			

CARD STRIPPERS: Male.

Connecticut.....	Time.....	5	19	54.6	\$0.206	\$16.71			7	12								4	15				
Maine.....	do.....	11	62	55.0	.336	18.35			51		5	6						1	61				
Massachusetts.....	do.....	10	121	54.2	.333	18.07			117		2	2							2	119			
New Hampshire.....	Piece.....	1	14	54.0	.256	13.85			14									2	12				
	Time.....	6	44	54.5	.305	16.70			40	1		3							13	31			
	Total.....	7	58	54.4	.293	16.01			54	1		3						2	25	31			
Pennsylvania.....	Time.....	5	34	54.5	.359	19.58			17	17									8	19	7		
Rhode Island.....	do.....	4	23	54.0	.304	16.40			23									2	6	15			
Vermont.....	do.....	2	30	58.2	.318	18.49				22		8							1	29			
Other States.....	do.....	4	12	57.2	.308	17.57			4	2		6							4	6			
All States.....	Piece.....	1	14	54.0	.256	13.85			14									2	12				
	Time.....	47	345	54.9	.328	17.93			259	54	7	25						3	38	297	7		
Total.....	Total.....	48	359	54.8	.324	17.77			273	54	7	25						5	50	297	7		

TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1918—Continued.

COMBER TENDERS: Male.

State.	Pieceworkers or timeworkers.	Number of establishments.	Number of employes.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						Employees whose earnings per hour were—											
							Under 48.	48 and under 54.	54	Over 54 and under 57.	57 and under 60.	60 and over.	Under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 and under 70 cts.	70 cents and over.
Massachusetts....	Time....	3	181	55.7	\$0.280	\$18.38			130								1	6	174					
Other States.....	Piece....	2	7	54.0	.202	16.32			7								1	2	4					
	Time....	8	60	58.3	.266	14.92			35	3							83	18	9					
All States....	Total..	6	67	56.1	.270	15.07			42	3							34	20	13					
	Piece....	2	7	54.0	.202	16.32			7								1	2	4					
	Time....	9	241	58.8	.314	17.52			165	3							34	24	183					
	Total..	9	248	58.8	.314	17.40			172	3							35	26	187					

COMBER TENDERS: Female.

New Jersey.....	Time....	2	141	52.9	\$0.265	\$18.54			59								2	63	66	10				
Pennsylvania....	do....	5	49	54.0	.274	14.81			49								1	3	13	28	4	5		
Rhode Island....	do....	2	57	49.8	.281	13.95			7									6	44	7				
Other States.....	do....	3	81	54.0	.235	12.70			81									30	24	18	8	1		
All States....	Time....	12	328	52.8	.268	13.50			7	59	180	82					1	35	106	151	29	6		

DRAWING-FRAME TENDERS: Male.

Massachusetts.....	Time....	2	60	54.0	\$0.278	\$16.44											1	5	58	3	2				
	Piece....	1	3	54.0	.266	14.38													3						
Other States.....	Time....	4	121	54.1	.257	13.80											2	8	59	37	10	4	1		
	Total..	4	124	54.1	.257	13.91											2	8	59	40	10	4	1		
All States.....	Piece....	1	3	54.0	.266	14.38													3						
	Time....	6	190	54.1	.264	14.82											2	9	64	96	13	6	1		
	Total..	6	193	54.1	.264	14.81											2	9	64	98	13	6	1		

DRAWING-FRAME TENDERS: Female.

Massachusetts.....	Piece....	1	12	54.0	\$0.283	\$15.27																			
	Time....	3	580	54.0	.262	14.11	1												62	518					
	Total..	2	592	54.0	.262	14.13	1												62	528	2				
New Jersey.....	Piece....	1	1	55.0	.225	12.38													1						
	Time....	2	498	53.3	.256	13.66	1	162											225	226	47				
	Total..	2	499	53.4	.260	13.66	1	162											226	226	47				
Pennsylvania.....	Time....	5	155	54.0	.227	12.26																			
Rhode Island.....	do.....	3	248	53.4	.237	13.68	8	25											1	16	40	56	30	12	
	Total..	2	266	48.8	.236	11.59	42												1	48	106	92	19		
Other States.....	Piece....	1	51	54.0	.254	13.70													7	18	20	6			
	Time....	2	215	47.6	.232	11.09	42												1	41	88	72	13		
	Total..	2	266	48.8	.236	11.59	42												1	48	106	92	19		
All States.....	Piece....	2	64	54.0	.258	13.97													7	19	30	8			
	Time....	15	1,696	52.9	.250	13.22	49	187	1,090	361									1	17	81	659	847	90	1
	Total..	15	1,760	52.9	.250	13.24	49	187	1,162	362									1	17	88	678	877	98	1

TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1918—Continued.

SPINNERS, MULE: Male.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						Employees whose earnings per hour were—											
							Under 48.	48 and under 54.	54	Over 54 and under 57.	57 and under 60.	60 and over.	Under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 and under 70 cts.	70 cents and over.
Connecticut.....	Piece.....	3	50	54.5	\$0.456	\$24.86			24	26						2		18	19	15	1			
	Time.....	2	23	56.0	.333	18.29				22							1	21						
	Total.....	5	73	54.7	.418	22.85			24	48						2	1	34	19	15	1			
Maine.....	Piece.....	10	203	51.6	.609	33.27			158	25	10	10	1					15	24	48	58	57		
	Time.....	1	9	54.0	.403	21.76			9										9					
	Total.....	11	212	54.6	.600	32.78			167	25	10	10	1					15	33	48	58	57		
Massachusetts.....	Piece.....	10	380	54.2	.551	29.81			368		5	7				1		17	113	135	90	24		
New Hampshire.....	Piece.....	6	134	54.4	.532	28.91			121	6		7						24	32	41	22	16		
	Time.....	1	4	54.0	.368	19.87			4									4						
	Total.....	7	138	54.3	.527	28.65			125	6		7						28	32	41	22	16		
New Jersey.....	Piece.....	2	154	54.4	.444	24.12			19	135						1	4	44	65	39	1			
New York.....	Piece.....	2	60	59.0	.550	32.47			10			50						1	2	16	22	16	8	
	Time.....	2	45	59.9	.337	20.14			1			44						6	37	2				
	Total.....	3	105	59.4	.468	27.18			11			94						7	39	18	22	16	3	
Rhode Island.....	Piece.....	2	39	54.0	.469	25.35			39							1	4	4	14	12	4			
	Time.....	2	84	54.0	.407	21.97			84									47	24	13				
	Total.....	3	123	54.0	.427	23.04			123							1	4	51	38	25	4			
Pennsylvania.....	Piece.....	1	55	51.5	.364	18.73			55												1			
	Time.....	2	60	54.9	.400	21.96			6	54						1	4	37	12					
	Total.....														2		23	35						

	Total..	3	113	53.3	.383	20.42		55	6	54								3	4	60	47	1			
Vermont.....	Piece....	1	87	58.2	.517	30.07				39										3	40	29	14	1	
	Time....	2	45	57.1	.385	22.00				26											8				
	Total..	2	132	57.8	.472	27.32				75											40	48	29	14	1
All States..	Piece....	27	1,162	54.7	.626	28.83		74	720	231	15	122	1					6	13	158	335	342	206	100	
	Time....	12	269	55.8	.383	21.33				104	112		53					2	7	169	78	18			
	Total..	46	1,431	54.9	.499	27.42		74	824	343	15	175	1					8	20	328	413	355	206	100	

SPINNERS, FRAME: Male.

Massachusetts.....	Piece....	1	11	54.0	\$0.381	\$20.55				11										10	1			
	Time....	3	146	52.9	.313	16.54		18		126								11	56	75	3	1		
	Total..	3	157	53.0	.317	16.82		18		139								11	56	85	4	1		
Other States.....	Time....	2	4	54.0	.247	13.34				4								2	2					
All States..	Piece....	1	11	54.0	.381	20.55				11											10	1		
	Time....	5	150	53.0	.311	16.46		18		132								13	58	75	3	1		
	Total..	5	161	53.0	.316	16.74		18		143								13	58	85	4	1		

SPINNERS, FRAME: Female.

Massachusetts.....	Piece....	1	11	54.0	\$0.393	\$25.24				11										7	4			
	Time....	3	593	53.6	.293	15.96		20		563										22	308	262	1	
	Total..	3	604	53.6	.299	16.13		20		574										22	308	269	5	
New Jersey.....	Piece....	1	35	55.0	.277	15.22				35										2	22	11		
	Time....	1	117	52.4	.290	16.17		2	58		57									4	55	58		
	Total..	2	152	53.0	.287	15.18		2	58		92									6	77	69		
Pennsylvania.....	Time....	4	132	54.0	.231	12.50				132					19	17				41	52	3		
Rhode Island.....	do.....	3	221	54.0	.252	13.62				221						1				179	5	36		
Other States.....	do.....	3	221	46.2	.268	12.41		53		137	31					4				30	139	48		
All States..	Piece....	2	46	54.8	.202	17.61				11	35									2	22	18	4	
	Time....	14	1,284	52.3	.277	14.52		85	58	1,063	88				19	22				276	559	407	1	
	Total..	16	1,330	52.4	.278	14.62		85	58	1,064	123				19	22				278	581	425	5	

TWISTER TENDERS: Female.

Massachusetts.....	Time.....	3	364	53.8	30.263	\$14.14	9	355						2	56	386	90				
New Jersey.....	Piece.....	1	16	55.0	.237	13.06								2	8	6					
	Time.....	1	38	52.5	.226	11.83	5	9						5	24	9					
	Total.....	2	54	53.2	.230	12.22	5	9						7	32	15					
New York.....	Time.....	2	48	54.0	.222	12.51									48						
Pennsylvania.....	Piece.....	1	46	54.0	.309	15.60								1	4	11	28				
	Time.....	6	138	53.8	.253	13.62	3	135				1	1	2	64	40	20	1			
	Total.....	7	184	53.8	.267	14.40	3	181				1	2	4	68	60	48	1			
Rhode Island.....	Piece.....	1	12	54.0	.239	12.90									8	4					
	Time.....	4	81	54.0	.246	13.30									75	5	1				
	Total.....	5	93	54.0	.245	13.25									83	9	1				
Other States.....	Piece.....	2	22	54.4	.242	13.19	1	20	11					2	2	15	11	2			
	Time.....	4	37	55.2	.239	13.16									15	12					
	Total.....	5	59	54.8	.241	13.18	1	21	27					2	2	30	23	2			
All States.....	Piece.....	5	106	54.3	.270	14.65	1	78	37				3	6	35	32	30				
	Time.....	20	606	53.8	.254	13.66	17	9	630	40			1	9	282	361	41	1			
	Total.....	24	802	53.9	.256	13.80	18	9	708	67			1	4	317	393	71	1			

SPOOLER TENDERS: Female.

Connecticut.....	Piece.....	3	21	53.6	30.350	\$18.78	2	11	8												
	Time.....	5	22	52.3	.198	10.35	6		16					1	9	12	4	13	4		
	Total.....	6	43	52.9	.272	14.40	8	11	24					1	9	12	4	13	4		
Maine.....	Piece.....	11	97	54.0	.379	20.49			97			1			9	8	55	38	6		
	Time.....	1	13	54.0	.375	14.85			13							13					
	Total.....	12	110	54.0	.387	19.92			110			1			9	21	35	38	6		
Massachusetts.....	Piece.....	8	198	54.0	.403	22.01	1		197						4	19	84	43	42	6	
	Time.....	4	439	52.5	.220	11.54	75		364					1	438						
	Total.....	10	637	53.0	.278	14.79	76		561					1	442	19	84	43	42	6	
New Hampshire.....	Piece.....	5	51	54.0	.363	19.61			51					2	1	2	8	18	15	5	

TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1918—Continued.

SPOOLER TENDERS: Female—Concluded.

State.	Pieceworkers or time-workers.	Number of establishments.	Number of employ-ees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					Employees whose earnings per hour were—															
							Under 48.	48 and under 54.	54	Over 54 and under 57.	57 and under 60.	60 and over.	Under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 and under 70 cts.	70 cents and over.			
New Jersey.....	Piece.....	2	136	54.3	\$0.252	\$13.69	9			127					1	1	9	55	54	16							
	Time.....	1	26	55.0	.232	12.78				29							25	1									
	Total..	3	162	54.4	.249	13.55	9			156					1	1	9	80	55	16							
New York.....	Piece.....	1	16	54.0	.196	10.58			16					2		5	2	4	3								
	Time.....	3	51	54.0	.202	15.77			51								8	9	9	25							
	Total..	3	67	54.0	.209	14.53			67					2		5	10	13	12	25							
Pennsylvania.....	Piece.....	6	62	54.0	.252	13.60			62					1	1	9	2	5	7	20	17						
	Time.....	6	142	53.9	.204	11.00	1		141						9	19	23	89	1		1						
	Total..	10	204	54.0	.219	11.79	1		203					1	1	18	21	28	96	21	17	1					
Rhode Island.....	Piece.....	3	88	53.1	.272	14.48	9		79					1		3	4	5	22	27	20	5	1				
	Time.....	2	62	53.9	.214	11.52	1		61									61	1								
	Total..	4	150	53.4	.248	13.26	10		140					1		3	4	5	83	28	20	5	1				
Vermont.....	Piece.....	2	55	56.0	.246	13.75			55						2	1	2	4	18	21	7						
	Time.....	2	35	56.0	.214	12.01			35									32	3								
	Total..	3	90	56.0	.233	13.07			90						2	1	2	4	50	24	7						
All States.....	Piece.....	41	724	54.1	.323	17.46	21		613	190				2	6	14	16	26	121	164	210	105	54	6			
	Time.....	24	790	53.2	.221	11.79	83		630	77						9	20	41	666	28	25	1					
	Total..	66	1,514	53.6	.270	14.51	104		1,243	267				2	6	23	36	67	787	192	235	106	54	6			

DRESSER TENDERS: Male.

Connecticut.....	Time.....	6	27	54.8	\$0.428	\$23.46				6	21						1	6	20			
Maine.....	do.....	12	37	54.0	.401	21.67				37								9	28			
Massachusetts.....	Piece.....	2	24	54.0	.568	30.65				24									1	14	9	
	Time.....	11	138	54.0	.495	26.21				138								5	79	54		
	Total.....	12	162	54.0	.498	26.87				162								5	80	68	9	
New Hampshire.....	Time.....	7	42	54.3	.427	23.15				41		1						10	32			
New York.....	do.....	2	20	59.0	.400	23.56				5		25						13	17			
Pennsylvania.....	do.....	7	43	54.5	.454	24.71				23	20							2	39	2		
Rhode Island.....	do.....	5	65	54.0	.470	25.35				65							1	3	56	5		
New Jersey.....	do.....	2	48	55.0	.377	17.20					46							35		11		
Vermont.....	do.....	3	17	56.0	.440	24.63					17								17			
All States.....	Piece.....	2	24	54.0	.568	30.65				24									1	14	9	
	Time.....	57	445	54.6	.445	23.94				315	104	26					2	83	288	72		
	Total.....	58	469	54.6	.452	24.28				339	104	26					2	83	299	85	9	

DRAWERS-IN: Female.

Connecticut.....	Place.....	5	14	54.7	\$0.447	\$24.46				4	10							2	2	5	4	1	
	Time.....	2	3	55.0	.208	11.42					3						1	2					
	Total.....	6	17	54.8	.406	22.16				4	13						1	2	2	2	5	4	1
Maine.....	Piece.....	8	20	53.1	.402	21.32	2			18								1	8	11			
	Time.....	2	4	54.0	.278	14.92				4								4					
	Total.....	10	24	53.3	.381	20.25	2			22								5	8	11			
Massachusetts.....	Piece.....	10	120	53.9	.376	20.29	1			120				1				11	14	54	43	5	2
	Time.....	2	6	52.6	.278	14.57	1			5								6	6				
	Total.....	12	126	53.9	.372	20.04	2			124				1				11	20	54	43	5	2
New Hampshire.....	Piece.....	4	49	54.0	.257	12.88				49			1					7	24	3	13	1	
	Time.....	3	9	54.0	.303	16.37				9								2	4	1	2		
	Total.....	7	58	54.0	.264	14.26				58			1					7	28	7	14	3	
New Jersey.....	Piece.....	3	47	55.0	.375	20.65					47								9	25	10	1	2
New York.....	do.....	3	17	54.0	.282	15.24				17							2	11	4				

TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1918—Continued.

DRAWERS-IN: Female—Concluded.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employ-ees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					Employees whose earnings per hour were—													
							Under 48.	48 and under 54.	54	Over 54 and under 57.	57 and under 60.	60 and over.	Under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 and under 70 cts.	70 cents and over.	
Pennsylvania	Piece....	2	5	54.0	\$0.386	\$20.82			5								4	1							
	Time....	4	17	54.0	.285	15.41			17							5	3	9							
	Total..	6	22	54.0	.308	16.64			22							5	3	18	1						
Rhode Island	Piece....	5	60	54.0	.405	21.88			60				1		2	11	22	10	9						5
Vermont	Piece....	3	23	56.0	.344	19.28										5	15	3							
	Time....	1	2	56.0	.354	19.83											2								
	Total..	2	25	56.0	.345	19.31										5	17	3							
All States	Piece....	43	365	54.2	.363	19.66	2		282	80			1		2	7	39	58	147	84	19	1		9	
	Time....	14	41	54.0	.284	15.37	1		35	5						1	9	17	12	2					
	Total..	55	406	54.2	.355	19.23	4		317	85			1		2	8	48	73	159	86	19	1		9	

LOOM FIXERS: Male.

Connecticut	Time....	6	22	54.8	\$0.505	\$27.65			4	18							3	12	3	4				
Maine	do	12	52	54.0	.472	25.46			52								3	38	11					
Massachusetts	do	12	291	54.0	.643	34.75			291								3	8	169	6	118			
New Hampshire	do	7	97	54.2	.403	25.06			94								7	83	7					
New Jersey	do	3	89	54.7	.557	30.45		6		83		8						29	26	80	5			
New York	do	3	38	59.2	.447	26.39			5								5	28	5					
Pennsylvania	do	10	108	54.4	.511	27.81			77	28		3					5	23	77	3				
Rhode Island	do	5	103	54.0	.541	29.24			103								3	13	87					
Vermont	do	3	43	59.1	.467	26.20				42		1						36	7					
All States	Time....	61	843	54.5	.552	30.04		6	626	171		40					26	270	381	43	123			

WEAVERS: Male.

Connecticut.....	Piece.....	6	422	54.8	30.406	25.32			72	350								2	1	11	9	64	190	102	42	1		
	Time.....	1	7	55.0	.461	24.81				7												7						
	Total.....	6	429	54.8	.466	25.51			72	357								2	1	11	9	64	197	102	42	1		
Maine.....	Piece.....	12	519	54.0	.554	29.94			519												21	51	80	163	150	54		
	Time.....	1	2	54.0	.300	18.20			2													2						
	Total.....	12	521	54.0	.553	29.89			521												21	53	80	163	150	54		
Massachusetts.....	Piece.....	12	2,080	54.0	.485	26.20			2,080				1					1	1	1	18	76	393	706	589	231	83	
	Time.....	2	7	54.0	.409	22.06			7													1	6	6	231			
	Total.....	12	2,087	54.0	.486	26.19			2,087				1					1	1	1	18	76	394	712	599	231	83	
New Hampshire.....	Piece.....	7	483	53.8	.493	24.87		41	417	18			12					1	1	1	12	21	88	193	126	39	7	
	do.....	2	396	54.0	.406	21.92		78		308								2	2	1	13	20	139	153	43	11	2	
	do.....	3	248	58.4	.366	21.18			66				183	1							23	42	105	43	28	3	1	
Pennsylvania.....	Piece.....	10	508	54.8	.393	21.46			553	155								1	2		1	14	39	190	221	40		
	Time.....	1	2	75.5	.232	21.47							2									1						
	Total.....	10	510	54.9	.395	21.46			553	155			2					1	2		1	15	39	191	221	40		
Rhode Island.....	Piece.....	5	746	54.0	.481	26.95			746									1	1	1		12	21	115	246	248	93	9
	Time.....	1	1	54.0	.380	20.52			1														1					
	Total.....	5	747	54.0	.480	26.94			747									1	1	1		12	21	110	246	248	93	9
Vermont.....	Piece.....	3	292	56.2	.495	27.60				373												4	17	57	113	138	53	10
	Time.....	1	4	56.0	.354	19.83			4				19										4					
	Total.....	3	296	56.2	.493	27.72				377			19									4	17	61	113	138	53	10
All States.....	Piece.....	61	3,789	54.5	.470	25.54		119	4,252	1,204			214	2	2	6	7	5	109	266	1,202	1,944	1,457	622	187			
	Time.....	7	23	56.5	.390	21.87			10	11			2						1		9	13						
	Total.....	61	3,812	54.5	.470	25.52		119	4,262	1,215			216	2	2	6	7	5	110	266	1,211	1,957	1,457	622	187			

TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1918—Continued.

WEAVERS: Female.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full time hours per week were—					Employees whose earnings per hour were—												
							Under 48.	48 and under 54.	54	Over 54 and under 57.	57 and under 60.	60 and over.	Under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 and under 70 cts.	70 cents and over.
Connecticut.....	Piece....	6	60	54.7	\$0.478	\$26.09			21	39						1	1	14	20	16	8			
Maine.....	Piece....	12	327	54.0	.504	27.31			327						2	13	14	30	74	111	63	14		
	Time....	2	10	54.0	.295	15.93			10								2	8						
	Total..	12	337	54.0	.498	26.97			337						2	13	16	44	74	111	63	14		
Massachusetts.....	Piece....	12	1,048	54.0	.449	24.26			1,648				2			1	3	25	92	459	565	347	129	25
New Hampshire.....	do.....	7	635	54.0	.387	20.89			635					6	2	6	40	88	205	199	62	19	2	
New Jersey.....	do.....	3	1,075	54.1	.357	19.30		188	887			1	1	2	8	14	91	165	463	273	50	6	1	
New York.....	do.....	3	199	54.0	.316	17.06			199				1			3	4	21	52	99	17	2		
Pennsylvania.....	do.....	10	629	54.0	.366	19.78			629			2	3	3	8	8	33	70	272	197	30	1		
Rhode Island.....	do.....	5	613	53.8	.388	20.87	10		503				1		7	4	29	60	200	134	64	11	3	
Vermont.....	Piece....	3	197	58.0	.459	25.71			197							3	11	36	82	46	17	2		
	Time....	1	2	56.9	.354	19.83			2										2					
	Total..	3	199	56.0	.458	25.65			199							3	11	36	82	46	17	2		
All States....	Piece....	61	5,283	54.1	.406	21.97	10	188	3,962	1,125			3	10	11	29	41	262	533	1,784	1,561	728	254	47
	Time....	3	12	54.3	.305	16.58			10										2	10				
	Total..	61	5,295	54.1	.406	21.96	10	188	3,972	1,125			3	10	11	29	41	262	535	1,794	1,561	728	254	47

BURLERS: Female.

Connecticut.....	Piece....	5	38	54.6	\$0.360	\$19.66			14	21						1	3	20	14				
	Time....	1	5	55.0	.170	9.35				5													
	Total..	6	43	54.7	.338	18.46			14	29						1	3	20	14				

TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1918—Continued.

MENDEES: Female.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					Employees whose earnings per hour were—															
							Under 48.	48 and under 54.	54	Over 54 and under 57.	57 and under 60.	60 and over.	Under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 and under 70 cts.	70 cents and over.			
Connecticut.....	Piece....	2	16	55.0	.364	\$20.08				16						1	4	8	3	2							
	Time....	4	36	54.9	.324	17.78				23						1	6	27	1								
	Total..	6	51	55.0	.336	18.49				2	49					2	10	33	4	2							
Maine.....	Time....	10	72	54.0	.294	15.86				72						13	37	22									
Massachusetts.....	Piece....	8	796	54.0	.361	19.52				796						2	4	1	6	7	32	115	420	153	43	11	2
	Time....	7	91	54.0	.319	17.23				91											12	23	56				
	Total..	11	887	54.0	.357	19.29				887						2	4	1	6	7	44	138	476	153	43	11	2
New Hampshire.....	Piece....	2	14	54.0	.278	15.02				14						1	13										
	Time....	5	25	54.0	.270	14.58				25											14	6	5				
	Total..	6	39	54.0	.273	14.74				39											15	19	5				
New York.....	Piece....	1	135	54.0	.302	16.29				135						1	8	44	82								
	Time....	2	26	54.0	.336	18.16				26									26								
	Total..	2	161	54.0	.307	16.59				161						1	8	44	108								
Pennsylvania.....	Piece....	7	183	54.0	.306	19.76				183						3	31	98	50	5						1	
	Time....	3	20	54.0	.261	13.54				20						15	5										
	Total..	9	203	54.0	.355	19.15				203						18	36	98	50	5						1	
Rhode Island.....	Piece....	3	120	54.0	.389	21.03				120						3	11	53	41	12							
	Time....	2	56	54.0	.341	18.42				56									56								
	Total..	5	176	54.0	.374	20.20				176						3	11	109	41	12							

Vermont.....	Piece....	1	45	56.0	.381	21.34				45							4	21	18	2			
	Time....	3	19	56.0	.301	16.85				19							1	8	10				
	Total...	3	64	56.0	.357	20.00				64							1	12	31	18	2		
Other States.....	Piece....	1	32	56.0	.403	22.14				32							3		13	11	5		
All States.....	Piece....	25	1,341	54.1	.359	19.45			1,248	98		2	4	1	6	8	51	222	688	276	69	11	3
	Time....	36	344	54.2	.311	16.83			292	52						56	85	202		1			
	Total...	53	1,685	54.1	.349	18.91			1,540	145		2	4	1	6	8	107	307	890	277	69	11	3

LABORERS, DYEHOUSE: Male.

Connecticut.....	Time....	5	50	55.2	\$0.313	\$17.23			9	40							1	12	37				
	do.....	11	75	54.2	.315	17.06			73									2	3	73			
Massachusetts.....	do.....	12	592	53.8	.305	16.38	2	33	627									5	296	358	8		
New Hampshire...	Piece....	1	2	54.0	.299	16.12			2										1	1			
	Time....	7	159	54.2	.307	16.63			154										64	63	2		
	Total...	7	161	54.2	.307	16.62			156										65	64	2		
New Jersey.....	Piece....	1	1	55.0	.290	15.95				1									1				
	Time....	3	266	55.5	.313	17.36				253		13			1				2	77	186		
	Total...	3	267	55.5	.290	17.35				254		13			1				2	78	186		
New York.....	Time....	3	87	53.5	.289	16.87			22										58	26	2		1
	do.....	7	82	54.8	.301	16.49			34	44									53	28	1		
Pennsylvania.....	do.....	5	150	54.0	.288	15.57			150										102	48			
Rhode Island.....	do.....	2	72	57.7	.291	16.78				57									72				
Vermont.....	do.....																						
All States.....	Piece....	2	3	54.3	.296	16.06			2	1									2	1			
	Time....	53	1,603	54.7	.304	16.60	2	33	1,069	394		105			1				8	736	849	8	1
	Total...	55	1,606	54.7	.304	16.60	2	33	1,071	395		105			1				8	738	850	8	1

OTHER EMPLOYEES: Male.

Connecticut.....	Piece....	2	5	55.0	\$0.294	\$11.24			5									1		1							
	Time....	6	402	55.4	.353	19.58	20		101	263					18		1	2	4	10	26	79	188	50	24	10	8
	Total...	8	407	55.4	.352	19.48	20		101	268					18	2	1	2	5	10	26	80	188	51	24	10	8

TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1918—Continued.

OTHER EMPLOYEES: Male—Concluded.

State.	Pieceworkers or time workers.	Number of establishments.	Number of employes.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—					Employees whose earnings per hour were—																											
							Under 48.	48 and under 54.	54	Over 54 under 57.	57 and under 60.	60 and over.	Under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 and under 70 cts.	70 cents and over.															
Maine.....	Piece.....	1	1	54.0	\$0.877	\$31.16			1																														
	Time.....	12	782	55.5	.334	18.51	8		663	10	36	65									4	56	78	537	89		1											1	
	Total..	12	783	55.5	.334	18.52	8		664	10	36	65								4	56	73	537	89		14											1		
Massachusetts.....	Piece.....	7	654	53.9	.487	24.71	29		592			83	3	1	1	2	3	22	26	107	195	239	47																8
	Time.....	12	8,373	54.6	.328	17.80	388	6	4,774	2	18	685				1	17	733	1,565	2,624	636	272	19															5	
	Total..	12	6,527	54.5	.341	18.57	417	6	5,366	2	18	718	3	1	1	3	20	765	1,591	2,731	831	512	66															13	
New Hampshire..	Piece.....	1	81	53.9	.394	15.85	1		80																														
	Time.....	7	1,535	54.7	.303	16.57	19		1,492	3	3	68			1	1		1	12	88	94	6																	
	Total..	7	1,616	54.6	.308	16.54	20		1,572	3	3	68			1	2	1	23	181	692	626	119																	
New Jersey.....	Piece.....	3	568	55.0	.348	18.85	57		399			112																											
	Time.....	3	3,117	55.9	.328	18.33	34		113			2,709			1	1		2	7	25	21	94	813	76		20												1	
	Total..	3	3,685	55.7	.331	18.41	91		512			2,709			1	2	17	57	73	580	2,633	266	42																
New York.....	Piece.....	1	51	60.0	.376	16.57						51																											
	Time.....	3	745	60.5	.302	18.26			106			639						1	1	4	17	21	13																
	Total..	3	796	60.5	.301	18.15			106			690						1	1	4	128	296	300	56															
Pennsylvania.....	Piece.....	2	81	52.4	.320	16.80	5		26																														
	Time.....	12	947	55.6	.330	18.36	5		697	270	2	73	3		2	11	22	38	97	206	362	141	6		8													2	
	Total..	12	978	55.5	.330	18.31	10		623	270	2	78	3		3	12	23	43	102	210	368	149	6		8													2	

Rhode Island.....	Piece.....	1	4	81.8	.292	19.79	1	3																		
	Time.....	5	1,592	54.2	.328	17.81	124	3	1,386	3	3	74	1		1	81	28	257	338	524	252	79	20	12		
	Total.....	5	1,596	54.3	.328	17.82	125	3	1,389	3	3	74	1		1	81	28	257	338	524	255	79	20	12		
Vermont.....	Piece.....	1	3	56.0	.295	16.58				3					1				1		1					
	Time.....	3	897	57.8	.316	18.29	1			695		171			2		6	52	460	259	69	10	2	7		
	Total.....	3	870	57.8	.316	18.29	1			698		171			2	1	6	52	461	259	70	10	2	7		
All States.....	Piece.....	19	1,398	54.5	.390	21.27	93	399	702	8				196	6	4	3	12	34	77	183	463	284	266	58	8
	Time.....	63	15,910	55.4	.325	17.98	699	122	9,118	3,955	126	1,900	4	20	120	161	1,553	4,138	7,703	1,596	497	79	28			
	Total.....	63	17,308	55.3	.330	18.24	692	521	9,820	3,963	126	2,186	10	7	23	182	195	1,620	4,321	8,106	1,880	763	137	44		

OTHER EMPLOYEES: Female.

Connecticut.....	Piece.....	1	6	55.0	\$0.429	\$23.60																			
	Time.....	6	73	53.4	.212	11.35	6	6	18	6				2	7	5	24	27	3	1	5				
	Total.....	6	79	53.5	.229	12.28	6	6	18	49				2	7	5	24	27	3	5	6				
Maine.....	Time.....	12	188	53.9	.258	13.90		3	155						6	4	68	55	23	2					
Massachusetts.....	Piece.....	8	229	53.3	.301	16.08	18			211				1	6	5	2	8	34	54	100	16	3		
	Time.....	12	1,981	53.1	.255	13.55	193	4	1,754						2	5	47	881	872	97	24	23			
	Total.....	12	2,180	53.1	.260	13.82	211	4	1,955				1	6	7	7	55	915	928	197	40	26			
New Hampshire...	Piece.....	1	19	54.0	.212	11.45				19				1	2			1	13	1	1				
	Time.....	7	482	53.6	.234	12.52	28			454				1	2	41	12	111	141	118	55	1			
	Total.....	7	501	53.6	.233	12.48	29			473				2	4	41	12	112	154	119	56	1			
New Jersey.....	Piece.....	3	827	53.3	.288	14.27	98	93		636				2	7	35	39	201	855	157	26	1			
	Time.....	3	1,015	53.7	.239	12.91	65	138		811					1	13	87	634	262	66	1				1
	Total.....	3	1,642	53.5	.252	13.47	164	231		1,447				3	8	48	70	838	617	223	27	1			1
New York.....	Piece.....	2	18	54.0	.344	16.59				18									1	17					
	Time.....	3	235	54.0	.245	13.24				225				1		4	15	99	97	8					
	Total.....	3	243	54.0	.253	13.64				243				1		4	15	99	98	25					
Pennsylvania.....	Piece.....	7	85	54.0	.299	16.12				85					8	10	1	9	18	23	13	1	2		
	Time.....	12	895	53.9	.215	11.59	3			352				9	5	28	41	92	123	60	17	5			
	Total.....	12	470	53.9	.280	12.41	3			437				9	5	36	51	93	137	78	40	18	1	2	

TABLE C.—AVERAGE AND CLASSIFIED FULL-TIME HOURS PER WEEK, AND EARNINGS PER HOUR, AND AVERAGE FULL-TIME WEEKLY EARNINGS, FOR PIECE WORKERS AND TIME WORKERS, BY STATES, 1918—Concluded.

OTHER EMPLOYES: Female—Concluded.

State.	Piece-workers or time workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average rate of wages per hour.	Average full-time weekly earnings.	Employees whose full-time hours per week were—						Employees whose earnings per hour were—												
							Under 48.	48 and under 54.	54	Over 54 under 57.	57 and under 60.	60 and over.	Under 12 cts.	12 and under 14 cts.	14 and under 16 cts.	16 and under 18 cts.	18 and under 20 cts.	20 and under 25 cts.	25 and under 30 cts.	30 and under 40 cts.	40 and under 50 cts.	50 and under 60 cts.	60 and under 70 cts.	70 cents and over.	
Rhode Island.....	Piece....	4	87	53.4	\$0.284	\$15.18	6		81																
	Time....	5	708	52.7	.242	12.89	55	17	636																
	Total..	5	795	52.7	.247	13.08	61	17	717																
Vermont.....	Piece....	1	9	56.0	.365	20.45			9																
	Time....	8	130	56.0	.219	12.25			130																
	Total..	8	139	56.0	.228	12.78			139																
All States...	Piece....	27	1,280	53.4	.279	14.89	122	93	414	651															
	Time....	63	5,127	53.4	.248	12.99	951	168	8,624	994															
	Total..	63	6,407	53.4	.250	13.37	473	261	4,038	1,635															

TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, FULL-TIME EARNINGS, AND AMOUNTS ACTUALLY EARNED, AND NUMBER OF EMPLOYEES WORKING EACH CLASSIFIED PER CENT OF FULL TIME AND EARNING EACH CLASSIFIED AMOUNT, DURING ONE PAY-ROLL PERIOD, FOR PIECEWORKERS AND TIMEWORKERS, BY STATES, 1918.

ONE-WEEK PAY ROLLS.

WOOL SORTERS: Male.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average hours worked per employee during one week.	Average full-time weekly earnings.	Average amt. earned per employee during one week.	Employees working each classified per cent of full time during one week.							Employees earning each classified amount during one week.																																									
								Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent.	Under \$3.	\$3 and under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$8.	\$8 and under \$9.	\$9 and under \$10.	\$10 and under \$11.	\$11 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$18.	\$18 and under \$20.	\$20 and under \$25.	\$25 and under \$30.	\$30 and over.																											
Massachusetts.....	Piece...	2	122	54.0	50.3	\$ 26.98	\$ 25.17	3	9	27	83					1	1		1	1																		85	20																	
	Time...	4	108	54.0	53.6	24.78	24.66	1	2	19	128	20				1	1																																							
	Total.	6	290	54.0	52.2	25.71	24.88	4	11	46	209	20				2	1		1	1																																				
New Jersey.....	Piece...	2	39	55.0	50.0	22.90	20.55			2	18	21							1	1																																				
	Time...	1	78	54.0	62.8	25.98	30.22	1	1	1	2	1	72						1		1																																			
	Total.	2	102	54.0	60.9	26.38	29.71	1	1	2	6	1	91						1		1																																			
Rhode Island.....	Piece...	1	78	54.0	62.8	25.98	30.22	1	1	1	2	1	72						1		1																																			
	Time...	1	24	54.0	54.6	27.70	28.04						19																																											
	Total.	2	102	54.0	60.9	26.38	29.71	1	1	2	6	1	91						1		1																																			
Other States.....	Piece...	6	43	55.1	52.3	15.15	17.48			3	2	20	14	4					1		2																																			
	Time...																																																							
	Total.	6	43	55.1	52.3	15.15	17.48			3	2	20	14	4					1		2																																			
All States.....	Piece...	5	219	54.2	54.3	25.99	26.07	1	4	12	45	105	72						2		2				2	2																														
	Time...	11	235	54.7	53.4	24.10	23.00			4	5	37	116	43					1		3				2	6	6	88																												
	Total.	16	474	54.5	53.9	25.05	24.89	1	8	17	82	251	115						1		5				2	4	9	8	54																											

TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, FULL-TIME EARNINGS, ETC.—Continued.

ONE-WEEK PAY ROLLS—Continued.

CARD TENDERS: Male.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average hours worked per employee during one week.	Average full-time weekly earnings.	Average amt. earned per employee during one week.	Employees working each classified per cent of full time during one week.										Employees earning each classified amount during one week.																
								Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent.	Under \$3.	\$3 and under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$8.	\$8 and under \$9.	\$9 and under \$10.	\$10 and under \$11.	\$11 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$18.	\$18 and under \$20.	\$20 and under \$25.	\$25 and under \$30.	\$30 and over.					
Connecticut.....	Time...	4	18	54.1	55.4	15.25	15.59																											
Maine.....	do.	10	82	54.8	53.4	15.88	15.44																											
Massachusetts.....	do.	9	198	54.5	53.2	15.37	14.98																											
New Hampshire.....	do.	6	78	55.1	53.1	15.38	14.80																											
New Jersey.....	do.	2	61	53.2	48.1	17.43	15.58																											
New York.....	do.	3	24	59.0	52.6	15.73	13.32																											
Rhode Island.....	do.	4	41	54.3	55.7	14.43	15.02																											
Other States.....	do.	3	19	59.2	63.9	18.18	19.64																											
All States..	Time...	41	519	54.9	53.8	15.66	15.28	12	21	24	75	224	193	6	8	8	.....	17	5	8	9	24	72	98	187	86	31	2						

CARD STRIPPERS: Male.

Connecticut.....	Time...	4	17	54.6	52.5	16.93	16.18																											
Maine.....	do.	11	62	55.0	54.7	18.38	18.35																											
Massachusetts.....	do.	10	121	54.2	57.3	18.07	19.21																											
New Hampshire.....	do.	6	44	54.5	56.7	15.70	17.11																											
Rhode Island.....	do.	4	23	54.0	61.2	19.40	18.73																											
Vermont.....	do.	2	30	58.2	55.0	18.49	17.48																											
Other States.....	do.	5	14	56.7	49.1	17.61	15.12																											
All States..	Time...	42	311	54.9	56.1	17.77	18.20	5	8	6	36	114	149	2	2	2	.....	3	1	3	1	2	14	16	74	110	65	14						

COMBER TENDERS: Male.

Massachusetts	Time	3	181	55.7	53.0	\$ 18.38	\$ 17.56	4	3	25	25	40	84	1	2	3	1	1	2	4	4	17	8	27	51	80
Other States	Time	5	33	58.2	59.8	15.30	15.47	3		1	4	6	19	3			1				1	2	4	5	16	1
	Piece	1	4	54.0	56.4	18.56	19.29			1			3								1	1			3	3
	Total	5	37	57.7	59.5	15.65	15.88	3		2	4	6	22	3			1				1	3	4	5	16	4
All States	Piece	1	4	54.0	56.4	18.56	19.29			1			3								1	1			3	3
	Time	8	214	56.1	54.0	17.91	17.24	7	3	26	29	46	103	4	2	3	1	2	2	4	5	19	12	32	67	81
	Total	8	218	56.0	54.1	17.92	17.28	7	3	27	29	46	106	4	2	3	1	2	2	4	5	20	12	32	67	84

COMBER TENDERS: Female.

New Jersey	Time	2	141	52.9	48.2	\$ 13.54	\$ 12.25	1	8	2	33	97		1	1	2	5	2	1	1	5	10	103	10		
Rhode Island	do	2	57	49.8	46.1	13.95	12.72	1	1	3	13	39		1			4	5	1	1	5	4	36			
Other States	do	3	62	54.0	48.8	11.96	10.64			13	15	24					5	5	6	22	5	18		1		
All States	Time	7	260	52.5	47.8	13.25	11.96	2	9	18	61	170		2	1	2	9	12	6	8	28	20	125	46	1	

DRAWING-FRAME TENDERS: Male.

Massachusetts	Time	2	69	54.0	55.1	\$ 16.44	\$ 15.32	2	1		8	23	35	2			1					1	13	27	14	5	4	2
Other States	do	2	18	54.8	53.8	18.40	18.18		1			14	3				1							5	7	5	3	2
All States	Time	4	87	54.1	54.8	16.84	15.94	2	2		8	37	38	2			2					1	13	32	21	5	7	4

DRAWING-FRAME TENDERS: Female.

Massachusetts	Piece	1	12	54.0	52.8	\$ 15.27	\$ 14.90				2	10									1			8	3		
	Time	3	580	54.0	51.1	14.11	13.41	6	14	24	80	456		4	3	1	6	10	4	9	9	25	194	315			
	Total	3	592	54.0	51.1	14.13	13.44	6	14	24	82	466		4	3	1	6	10	4	9	10	25	194	323	3		
New Jersey	Piece	1	1	55.0	20.0	12.33	4.50		1							1											
	Time	2	498	53.3	47.4	13.66	12.04	6	11	87	100	289	5	5	1	5	4	15	15	6	16	113	291	27			
	Total	2	400	53.4	47.3	13.65	12.02	6	12	87	100	289	5	5	1	6	4	15	15	6	16	113	291	27			

TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, FULL-TIME EARNINGS, ETC.—Continued.

ONE-WEEK PAY ROLLS—Continued.

DRAWING-FRAME TENDEES: FEMALE—Continued.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employ-ees.	Average full-time hours per week.	Average hours worked per employ-ee during one week.	Average full-time weekly earnings.	Average amt. earned per employ-ee during one week.	Employees working each clas-sified per cent of full time during one week.							Employees earning each classified amount during one week.																				
								Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent.	Under \$3.	\$3 and under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$8.	\$8 and under \$10.	\$10 and under \$11.	\$11 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$18.	\$18 and under \$20.	\$20 and under \$25.	\$25 and under \$30.	\$30 and over.							
Rhode Island.....	Time....	3	248	53.4	47.6	\$ 13.68	\$ 11.32	3	9	32	49	155		2	4	4	2	15	16	12	30	55	89						8	9	1				
Other States.....	do....	2	58	56.0	46.5	13.87	10.35	1	1	5	31	15		1			3	10	1	4	10							15		8		9	1		
All States...	Pieces....	2	13	54.0	50.1	15.05	14.10		1		9	10				1					1									8		3			
	Time....	10	1,379	53.7	49.0	14.37	12.42	16	35	148	260	915	5	12	8	10	15	50	36	31	65	194	582	358			8	9	1						
	Total	10	1,392	53.7	49.0	14.37	12.44	16	36	148	262	925	5	12	8	11	15	50	36	31	66	194	582	366			11	9	1						

SPINNERS, MULE: Male.

Connecticut.....	Pieces....	2	50	54.5	47.2	\$ 24.86	\$ 22.10	2	4	5	9	30				1	1	2	2		1	2					1	1	1	8	18	18	6
	Time....	1	9	55.0	48.9	18.73	16.60		1	1		7						1					1				1	1		6			
	Total	4	59	54.6	47.4	23.93	21.28	2	5	6	9	37				1	1	3	2		1	2				1	2	1	9	12	18	6	
Maine.....	Pieces....	2	19	54.9	50.3	24.07	24.07		1	1	6	11																1	4	9	5	2	5
	Time....	1	9	54.0	52.9	21.75	21.34				1	8																	1	1		8	
	Total	3	28	54.0	51.1	23.33	23.19		1	1	7	19																1	5	9	13	2	5
Massachusetts.....	Pieces....	5	87	54.2	51.5	27.05	25.78	2	2	4	11	58	10				2		1			1					1	4	9	26	34	16	
	New Hampshire.....	do....	3	64	54.3	51.7	24.39	23.29	4	1	1	6	34	18			2	2					1				1	1	3	11	13	24	7
	New Jersey.....	do....	2	154	54.4	49.5	24.12	21.87	2	3	11	67	66	5	1	1						1	1	1			3	3	23	23	32	64	1

New York.....	Piece...	1	10	54.0	47.8	27.87	24.62			2	2	5							1	1			2	5	1	
	Time...	2	45	59.9	47.8	20.14	16.94	1	8	4	36	1	1						1	4	10	14	9	8		
Total		2	55	56.8	47.4	21.54	17.81	1	8	6	39	6	1						1	4	11	15	9	8	5	1
Rhode Island.....	Piece...	2	39	54.0	47.5	25.35	22.37	2	1	3	12	16	5		1	1				1	4	2	5	1	9	8
	Time...	2	84	54.0	46.6	21.97	19.72	7	2	4	5	61	5		5	2	1			1	3	3	20	15	3	81
Total		2	123	54.0	46.2	23.04	20.56	9	3	7	17	77	10		6	1	2	1		1	7	5	26	16	12	89
Other States.....	Time...	1	26	57.1	46.9	22.86	18.69	4	2	4	9	9	8	1						3	1					
All States.....	Piece...	18	423	54.3	49.7	25.04	23.13	12	12	27	114	230	38		5	6	2	3	1	3	3	1	8	10	41	42
	Time...	7	183	56.1	46.2	21.52	18.51	12	8	15	51	85	13		8	2	6	3	2	1	2	9	15	37	38	
Total		23	606	54.8	49.2	23.98	21.73	24	20	40	165	306	51		3	10	6	8	6	3	3	4	3	17	26	78

SPINNERS, FRAME: Males.

Massachusetts.....	Piece...	1	11	54.0	52.9	20.55	20.10			1	2	4	2										1	2	7	
	Time...	8	146	52.9	52.8	16.54	16.66	3	3	5	12	68	55	1	1	2	1	1	1	4	1	7	14	28	25	32
Total		8	157	53.0	52.8	16.82	16.90	3	3	6	15	72	58	1	1	2	1	1	1	4	1	7	14	29	28	34
Other States.....	Time...	2	4	54.0	55.0	18.84	18.60					8	1										8	1		
All States.....	Piece...	1	11	54.0	52.9	20.55	20.10			1	2	4	2												1	2
	Time...	6	150	53.0	52.9	16.48	16.58	3	3	5	12	71	59	1	1	2	1	1	1	4	1	7	17	29	28	
Total		6	161	53.0	52.9	16.73	16.82	3	3	6	15	75	59	1	1	2	1	1	1	4	1	7	17	30	28	34

SPINNERS, FRAME: Female.

Massachusetts.....	Piece...	1	11	54.0	53.1	25.24	20.34				1	10												1	2	8
	Time...	3	593	53.6	55.4	15.96	10.20		9	19	29	89	447		6	3	5	6	8	8	9	13	14	74	223	144
Total		2	604	53.6	55.7	16.13	10.38		9	19	29	90	457		6	3	5	6	8	8	9	13	14	74	223	145
New Jersey.....	Piece...	1	35	55.0	41.3	15.22	11.34			1	12	21									1	3	2	14	14	
	Time...	1	117	52.4	50.2	15.17	14.50		2	1	5	7	102		1	1			1	1	2	3	1	10	81	17
Total		2	152	53.0	45.2	15.18	13.77		2	2	18	28	102		1	1			1	1	5	5	15	24	81	17
Rhode Island.....	Time...	3	221	54.0	45.1	13.62	11.06		3	43	12	27	136		3	1	12		32	8	5	9	15	132	2	1
Other States.....	do....	3	94	54.7	45.3	13.19	11.09		2	2	13	48	29		2		8		16	2	3	4	19	11	28	
All States.....	Piece...	2	46	54.8	44.1	17.61	13.49			1	13	22	10						1	1	3	2	14	14		1
	Time...	10	1,025	53.6	40.1	15.11	10.96		16	55	69	171	714		12	5	18	14	57	13	19	29	49	227	334	162
Total		12	1,071	53.7	38.5	15.23	11.06		18	66	72	193	724		12	5	18	15	57	14	22	31	63	241	334	163

DRESSER TENDERS; Male.

State	Time	\$		%														
		8	12	54.8	55.9	23.86	24.41	2	19	8	1	1	1	2	2	9	9	2
Connecticut	Time	8	24	54.8	55.9	23.86	24.41		2	19	8							2
Maine	do	12	37	54.0	52.8	21.67	20.94	2	8	26	6				1	1		1
Massachusetts	Piece	2	24	54.0	52.6	30.65	29.98		1	10	13							1
	Time	11	158	54.0	54.4	26.21	25.48			25	68	45						1
Total	Total	12	162	54.0	54.2	26.87	26.95	1	33	81	45						2	
New Hampshire	Time	6	33	54.3	56.9	22.46	23.72	1										
New York	do	3	30	59.0	56.7	23.66	22.81		1	10	17	2					2	
Pennsylvania	do	5	32	54.4	49.4	24.45	22.14			17	15							
Rhode Island	do	5	65	54.0	52.6	25.36	24.62		4	8	43	10					6	
New Jersey	do	3	46	55.0	57.0	17.20	21.35		1	9	7						6	
Vermont	do	3	17	56.0	53.8	24.63	23.53	1		3	11	2			1		8	
All States	Piece	2	24	54.0	52.6	30.65	29.98		1	10	13							1
	Time	53	422	54.6	54.3	23.89	24.09	1	3	6	79	215	118	1	2	1		10
Total	Total	54	446	54.6	54.2	24.25	24.40	1	3	7	89	228	118	1	2	1	11	

DRAWERS-IN; Female.

State	Time	\$		%														
		3	14	54.7	41.5	24.46	17.73	8	2	4	1	1	1	1	5	8	1	4
Connecticut	Time	3	1	54.7	41.5	24.46	17.73											1
	do	1	1	55.0	35.0	12.10	12.08											1
Total	Total	3	15	54.7	42.4	23.64	17.35	8	2	5	1	1	1	1	5	8	1	
Maine	Piece	8	20	53.1	48.6	21.32	19.67	2	1	1	15	1	1	1	1	2	3	10
	Time	2	4	54.0	47.7	14.92	18.18		1	1	2			1		1		
Total	Total	10	24	53.3	48.5	20.25	18.59	2	2	2	17	1	1	1	2	1	3	
Massachusetts	Piece	10	180	53.9	49.9	20.29	18.51	4	6	61	59	2	4	2	2	11	19	23
	Time	2	6	52.6	52.6	14.57	14.60			6					2	2	2	17
Total	Total	12	186	53.9	50.0	20.04	18.34	4	6	61	65	2	4	2	13	21	25	
New Hampshire	Piece	3	14	54.0	52.0	19.42	18.70				8	11				2	1	6
	Time	3	9	54.0	42.6	16.37	12.34	1	1	1	4	1	1	1		3	2	1
Total	Total	6	23	54.0	48.3	18.23	16.21	1	1	1	4	15	1	1	1	3	4	
New Jersey	Piece	3	47	55.0	50.1	20.65	18.31		12	2	33				1	3	8	9
New York	do	3	17	54.0	49.7	15.24	14.02		2	6	9			1	3	3	7	2

BURLERS: Female.

Connecticut	Piece	5	38	54.6	45.4	19.66	10.43	2	5	18	15				1				3	6	4	14	4	6								
Maine	Piece	1	4	54.0	46.6	14.69	12.92	1			3				1																	
	Time	8	60	54.0	51.0	13.09	12.27	1	7	5	47			1					4	8	8	8	25	11								
	Total	9	64	54.0	50.7	13.14	12.31	2	7	5	50			1	1				4	8	8	8	25	14								
Massachusetts	Piece	6	361	54.0	46.8	17.57	15.02	2	9	61	210	79		1	4		1	9	8	18	14	29	52	104	48	31	40	4				
	Time	3	306	54.0	51.4	12.72	12.10	2	3	27	25	249		2	1		2	4	14	11	5	23	229									
	Total	9	667	54.0	48.9	15.34	15.08	4	12	88	235	328		3	5		3	13	22	29	19	57	291	104	48	31	40	4				
New Hampshire	Piece	3	35	54.0	52.2	15.56	14.95	1			5	29			1																	
	Time	8	17	54.0	53.3	13.91	13.47				9	8							1		7	8	1	17	7	1	1					
	Total	6	52	54.0	52.2	15.02	14.47	1			14	37			1				1		7	8	9	17	7	6	1					
New Jersey	Piece	2	152	55.0	44.1	15.60	12.44	4	23	121	3	1					2	7	6	9	14	27	38	44	4	1						
	Time	1	108	58.0	52.5	13.16	13.05	1	4	11	28	59	1				1	5	2			5	46	40	2		1					
	Total	3	260	54.3	47.5	14.61	12.69	5	27	132	31	60	1				2	8	11	11	14	32	84	84	6	1	1					
New York	Piece	2	61	54.0	40.4	14.01	10.54	2	40	19					1	1	3	2	35				2	12	5							
	Time	1	17	54.0	48.1	14.42	11.49	2	3	12						2							3	2	10							
	Total	3	78	54.0	41.0	14.10	10.75	4	43	31					1	3	3	2	35				3	4	32	5						
Pennsylvania	Piece	6	117	54.0	48.6	14.04	12.69	1	1	13	35	67		1				4	8	9	12	28	12	23	14	6						
	Time	1	17	54.0	50.2	9.99	9.30	1			5	11				1		1	2	2	11											
	Total	7	134	54.0	48.8	13.52	12.26	1	2	13	40	78		1		1		5	10	11	23	28	12	23	14	6						
Rhode Island	Piece	4	135	53.7	50.0	14.94	14.11	2		11	31	91		2			1	3	5	12	8	9	22	22	26	25						
	Time	1	1	54.0	54.0	11.12	11.12					1											1									
	Total	4	136	53.7	50.0	14.91	14.09	2		11	31	92		2			1	3	5	12	8	10	22	22	26	25						
Vermont	Piece	2	50	56.0	48.3	12.21	10.46	1	8	38			8		1							3	8	11	14	12	5	1				
	Time	1	28	56.0	53.4	11.70	11.15			1	12	15										1		2	5	20						
	Total	3	78	56.0	50.1	12.02	10.71	1	4	50	15		8		1							4	8	13	19	32	5	1				
All States	Piece	31	953	54.2	46.9	15.94	13.71	6	20	156	475	287		9	4	6	1	6	29	33	94	62	110	155	323	111	68	47	4			
	Time	19	549	53.9	51.4	12.78	12.18	2	8	42	79	359		59	3	1	2	4	7	26	25	34	67	321	51	2	5	1				
	Total	49	1,502	54.1	48.5	14.79	13.13	8	28	198	554	646		68	7	7	3	10	36	59	119	96	177	476	374	113	73	48	4			

GENERAL TABLES.

TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, FULL-TIME EARNINGS, ETC.—Continued.
ONE-WEEK PAY ROLLS—Concluded.
OTHER EMPLOYEES; Male—Continued.

State.	Place-workers or time-workers.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average hours worked per employee during one week.	Average full-time weekly earning.	Average amt. earned per employee during one week.	Employees working each classified per cent of full time during one week.							Employees earning each classified amount during one week.																
								Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent.	Under \$3.	\$3 and under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$8.	\$8 and under \$9.	\$9 and under \$10.	\$10 and under \$11.	\$11 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$18.	\$18 and under \$20.	\$20 and under \$25.	\$25 and under \$30.	\$30 and over.		
																														7	29
Massachusetts.....	Place.....	7	654	53.9	48.8	24.71	22.91	7	29	46	322	310	40	5	2	4	4	10	8	7	10	14	16	29	24	44	204	101	82		
	Time.....	12	5,873	54.6	54.5	17.89	18.05	98	159	201	668	2444	2303	57	50	34	41	87	45	120	183	204	473	782	1114	815	1073	566	229		
	Total.....	12	6,527	54.5	54.0	18.57	18.54	105	188	247	990	2654	2343	62	52	38	45	97	53	127	193	218	489	811	1138	859	1277	757	311		
New Hampshire.....	Time.....	6	691	55.5	56.3	17.41	17.47	20	26	37	76	245	287	13	7	5	4	13	9	10	18	11	40	99	153	89	182	48	10		
New Jersey.....	Place.....	2	568	55.0	48.7	18.85	17.06	12	9	66	348	21	112	6	2	8	4	33	11	17	12	18	57	58	82	98	128	29	10		
	Time.....	3	3,117	55.8	57.1	18.38	18.71	86	75	145	544	609	1,708	23	11	15	14	64	35	26	44	32	156	246	564	639	983	230	53		
	Total.....	3	3,685	55.7	55.8	18.41	18.45	48	84	211	892	630	1,820	29	13	23	18	97	46	43	58	50	213	304	646	732	1091	259	65		
New York.....	Time.....	3	745	60.5	57.3	18.26	17.50	14	28	53	201	197	252	9	5	4	6	23	12	15	20	13	71	91	134	102	182	41	18		
Pennsylvania.....	Place.....	1	20	51.5	51.2	15.36	15.59	1	1	16	2	
	Time.....	7	853	55.8	50.3	17.35	15.97	11	9	24	134	114	81	9	2	5	13	20	10	1	3	1	3	2	
	Total.....	7	373	55.5	50.3	17.24	15.95	11	9	25	135	130	83	9	2	5	14	21	11	15	8	22	50	38	82	51	57	31	7		
Rhode Island.....	Place.....	1	4	51.8	44.5	19.79	18.99	2	
	Time.....	5	1,592	54.3	54.7	17.81	18.17	19	37	65	165	759	547	15	10	12	7	76	85	60	47	84	163	207	214	134	318	152	108	
	Total.....	5	1,596	54.3	54.7	17.82	18.17	19	38	65	167	759	548	16	10	12	7	76	85	60	47	84	163	207	214	135	318	154	108	
Vermont.....	Place.....	1	3	56.0	44.1	16.58	14.70	1
	Time.....	3	867	57.8	56.6	18.29	18.11	9	30	45	184	843	256	5	7	7	6	16	7	7	21	24	56	127	184	185	120	53	42	
	Total.....	3	870	57.8	56.6	18.29	18.10	9	31	45	185	844	256	5	8	7	6	16	7	7	21	24	56	127	184	185	120	53	42	

CARD STRIPPERS: Male.

Pennsylvania...	Time...	4	32	109.1	113.9	\$ 39.37	\$40.89				3	2	14	13					1	2	1	6	15	7	
Other States...	Piece...	1	14	108.0	103.9	27.69	26.72				1	4		9					1		4	6	3		
	Time...	1	2	110.0	102.5	29.65	27.58					1	1								2				
	Total.	2	16	108.3	103.7	27.94	26.83				1	6	1	9					1		4	8	3		
All States...	Time...	5	34	109.1	113.3	38.80	40.11				3	3	15	13					1	1	2	3	6	15	7
	Piece...	1	14	108.0	103.9	27.69	26.72				1	4		9					1		4	6	3		
	Total.	6	48	108.8	110.5	35.56	36.20				4	7	15	22					1	1	6	9	9	15	7

COMBER TENDERS: Male.

All States.....	Piece...	1	3	108.0	51.6	\$ 26.68	\$12.16				1								1						
	Time...	1	27	108.0	104.3	28.90	27.37			1	2	3	4	17	1				1	2	2	1	8	12	1
	Total.	1	30	108.0	99.0	28.68	25.85			2	3	3	1	4	17	2			2	2	2	1	8	12	1

COMBER TENDERS: Female.

Pennsylvania...	Time...	4	42	108.0	100.1	\$ 30.25	\$27.80			1	1	3	8	27	2					2	2	13	5	15	2	2				
Other States...	do...	1	26	108.0	61.3	29.00	15.72			5	11		3	7		2			3	1	9	1		3	7					
All States...	Time...	5	68	108.0	85.3	29.77	23.18			6	12	3	11	34	2	2			1	3	1	9	1	2	2	16	12	15	2	2

DRAWING-FRAME TENDERS: Male.

All States.....	Piece...	1	3	108.0	34.6	\$ 23.76	\$9.23													3							
	Time...	2	103	108.0	102.3	26.21	24.78			5	4	7	22	31	34	5				2	2	4	2	28	26	32	
	Total.	2	106	108.0	100.4	25.28	24.34			5	7	7	22	31	34	5				5	2	2	4	2	28	26	32

All States..	Piece...	18	531	108.2	98.2	\$ 61.78	54.96	10	34	46	247	154	40	2	2	1	2	3	1	2	3	14	20	54	75	141	124	87
	Time...	4	77	109.7	100.2	42.36	33.90	2	3	5	13	50	4	1	1	1	1	1	1	1	3	2	1	32	18	17	124	87
	Total	20	608	108.4	98.4	50.32	52.32	12	37	51	290	204	44	2	3	1	2	1	4	2	6	16	21	86	93	158	124	87

SPINNERS, FRAME: Female.

Pennsylvania..	Time...	3	83	108.0	97.8	\$ 26.06	\$23.71	2	1	5	34	41	1	1	1	1	1	1	1	6	38	24	1					
	do.....	1	176	87.8	78.5	23.52	20.33	3	9	18	53	67	26	4	1	1	4	8	16	9	25	12	22	67	7	1		
All States..	Time...	4	259	94.2	84.7	24.34	21.42	5	10	23	87	108	26	5	1	5	8	16	10	26	18	60	101	8	1			

DOFFERS: Female.

Pennsylvania..	Time...	3	68	106.9	83.1	\$ 20.81	\$16.07	2	8	7	39	7	5	2	1	5	3	3	4	8	23	10							
	do.....	1	294	88.6	78.8	17.36	14.67	8	10	17	70	106	83	8	4	3	13	68	28	8	10	90	62						
All States..	Time...	4	362	92.0	78.0	18.01	14.93	10	18	24	109	113	88	10	4	4	18	71	31	12	18	113	81						

TWISTER TENDERS: Female.

Pennsylvania..	Time...	4	127	108.0	94.7	\$ 27.54	\$24.09	3	10	9	29	76	2	2	3	3	3	1	5	7	33	41	23	3	1			
	Piece...	1	21	107.2	92.3	24.86	21.80	1	2	9	9	9	1	1	1	1	1	1	1	2	1	7	7	7	1			
All States..	Piece...	1	21	107.2	92.3	24.86	21.80	1	2	9	9	9	1	1	1	1	1	1	1	2	1	7	7	1				
	Time...	4	127	108.0	94.7	27.54	24.09	8	10	9	29	76	2	2	3	3	3	1	5	7	33	41	23	3	1			
	Total	5	148	107.9	94.4	27.16	24.28	4	10	11	38	85	3	2	3	3	4	2	7	8	40	48	24	3	1			

SPOOLER TENDERS: Female.

Pennsylvania..	Piece...	2	19	108.0	92.0	\$ 19.27	\$16.65	1	1	1	11	2	3	1	1	1	1	3	4	4	2	3						
	Time...	5	127	107.8	96.6	22.40	19.96	2	4	7	55	58	1	2	1	1	1	1	5	3	44	61	7	1				
	Total	5	146	107.9	96.0	21.09	19.53	3	5	8	66	60	4	2	1	1	2	2	1	8	7	48	63	10	1			
Other States..	Time...	1	6	110.0	84.1	21.29	16.17	2			1	3									1	3						
All States..	Piece...	2	19	108.0	92.0	19.27	16.65	1	1	1	11	2	3	1	1	1	1	3	4	4	2	3						
	Time...	6	133	107.9	96.0	22.35	19.79	2	6	7	56	61	1	2	1	3	1	1	5	8	45	64	7	1				
	Total	6	152	107.9	95.5	21.96	19.40	3	7	8	67	63	4	2	1	1	4	2	1	8	7	49	66	10	1			

TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, FULL-TIME EARNINGS, ETC.—Continued.

TWO-WEEK PAY ROLLS—Continued.

DRESSER TENDERS: Male.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employes.	Average full-time hours per two weeks.	Average hours worked per employe during two weeks.	Average full-time bi-weekly earnings.	Average amount earned per employe during two weeks.	Employees working each classified per cent of full time during two weeks.							Employees earning each classified amount during two weeks.														
								Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	100 per cent.	Over 100 per cent.	Under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$8.	\$8 and under \$10.	\$10 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$20.	\$20 and under \$25.	\$25 and under \$30.	\$30 and under \$40.	\$40 and under \$50.	\$50 and under \$60.	\$60 and under \$70.	\$70 and over.
All States.....	Time...	4	23	109.0	102.5	\$ 49.78	\$46.75	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		

DRAWERS-IN: Female.

All States.....	Piece... Time...	1	35	108.0	85.7	\$ 23.32	\$18.61	8	4	28	1	1	1	1	1	19	11	1																
		3	10	108.4	97.5	25.20	22.53	1	1	1	1	1	1	1	1	2	5	8																
	Total.	4	45	108.0	88.3	23.74	19.48	3	5	35	1	2	1	1	1	21	16	4																

LOOM FIXERS: Male.

Massachusetts..	Time...	3	128	108.0	105.6	\$ 66.02	\$84.00	5	14	109	4																	1	4	7	113
Pennsylvania..	do....	2	29	108.9	106.3	53.08	50.79	2	4	11	12						1	1										7	19		
Other States....	do....	1	64	108.0	106.5	49.17	48.45	1	2	57	4										1						4	11	48		
All States...	Time...	7	218	108.1	105.9	70.69	69.15	1	7	20	170	20				1		1			1					5	19	71	7	113	

WEAVERS: Male.

Connecticut...	Piece...	6	422	109.7	94.8	\$ 51.05	\$45.12	15	28	94	132	212	1	6	1	1	6	2	3	6	5	13	14	17	50	116	116	65	1
	Time...	1	7	110.0	119.2	49.62	47.06			1	1	5												1	6				
	Total	6	429	109.7	96.0	51.09	45.16	15	28	95	133	217	1	6	1	1	6	2	3	6	5	13	14	17	51	122	116	65	1
Maine.....	Piece...	12	519	108.0	98.4	59.88	\$3.92	6	21	32	242	218		1	1	2	1	2	2	2	10	6	10	17	37	61	125	157	85
	Time...	1	2	108.0	103.1	32.40	30.98				1	1												1	1				
	Total	12	521	108.0	98.4	59.77	33.43	6	21	32	243	219		1	1	2	1	2	2	2	10	6	10	18	38	61	125	157	85
Massachusetts.	Piece...	11	2,012	108.0	99.6	52.56	49.10	42	60	93	521	1,296		10	4	5	9	14	13	9	17	25	38	45	263	538	576	291	149
	Time...	2	7	108.0	108.0	44.13	44.09					7													1	6			
	Total	11	2,019	108.0	99.6	52.53	49.08	42	60	93	521	1,303		10	4	5	9	14	13	9	17	25	38	45	264	544	576	291	149
New Hampshire.	Piece...	6	409	107.4	97.3	50.35	46.02	7	14	40	114	195	39	2	1	1	1	2		3	2	15	12	24	61	113	106	45	21
	Time...																												
New Jersey.....	do....	8	386	108.0	92.3	48.85	37.58	14	9	17	814	28	9	9	1	3	1	1	3	2	3	7	19	19	136	138	39	3	
New York.....	do....	2	103	112.4	92.3	47.80	30.07	3	9	12	67	12			1	1			2		3	2	4	11	28	80	17	3	1
Pennsylvania.	Piece...	10	508	109.7	95.4	42.93	37.57	5	17	45	254	187		3	1			3	5		6	14	17	35	201	187	35	1	
	Time...	1	2	161.0	55.5	42.94	15.53		3												1								
	Total	10	510	109.8	95.3	42.93	37.79	5	19	45	254	187		3	1			3	5	1	5	15	17	35	201	187	35	1	
Rhode Island..	Piece...	5	746	108.0	101.9	51.90	49.13	8	13	39	173	513		2			3	1	1	2	6	3	17	23	97	202	262	112	15
	Time...	1	1	108.0	64.0	41.04	20.53				1												1						
	Total	5	747	108.0	101.9	51.88	49.08	8	13	40	173	513		2			3	1	1	2	6	3	18	23	97	202	262	112	15
Vermont.....	Piece...	3	392	112.4	94.8	55.61	45.13	4	28	43	269	43	5	2			2	2	4	2	8	7	13	31	35	89	113	69	26
	Time...	1	4	112.0	96.7	39.65	34.26			1	1	2										1			3				
	Total	3	396	112.4	94.9	55.44	45.07	4	28	44	270	45	5	2			2	2	4	2	8	8	13	31	38	89	113	69	26
All States..	Piece...	58	5,497	108.6	97.9	51.51	45.67	104	199	355	2056	2899	54	41	10	13	23	27	28	29	59	92	144	223	908	1474	1388	738	298
	Time...	7	23	112.0	97.8	43.76	36.74		2	3	3	15								1		2	1	1	6	12			
	Total	58	5,520	108.7	97.9	51.48	46.64	104	201	358	2089	2714	54	41	10	13	23	27	28	27	59	94	145	224	914	1486	1388	738	298

SUBLERS: Female.

Pennsylvania...	Piece...	1	15	108.0	103.7	\$	31.28	\$30.00				6	9						1	5	9							
	Time...	2	56	108.0	102.5	20.64	19.64			2	3	11	23	17		1	1			7	43							
	Total	3	71	108.0	103.0	22.88	21.83			2	3	17	32	17		1	1			7	44	5	9					
Other States...	Piece...	2	289	108.0	93.7	33.45	29.34	5	11	29	223	21			2	2		1	3	2	7	6	26	38	91	70	23	18
	Time...	1	5	110.0	109.1	18.70	18.54					1	4															
	Total	3	294	108.0	93.9	33.20	29.15	5	11	29	224	25			2	2		1	3	2	7	6	31	38	91	70	23	18
All States...	Piece...	3	304	108.0	94.2	33.35	29.37	5	11	29	229	30			2	2		1	3	2	7	6	26	39	90	79	23	18
	Time...	3	61	108.2	103.3	20.48	19.55			2	3	12	27	17		1	1		3			1	12	43				
	Total	6	305	108.0	94.7	31.20	27.73	5	13	32	241	57			2	2		1	3	2	7	7	38	82	90	79	23	18

MENDERS: Female.

Massachusetts...	Piece...	3	641	108.0	76.3	39.10	\$27.59	5	35	365	220	16		3	1	4	1	9	12	10	14	32	171	157	176	47	4
	Time...	2	31	108.0	67.8	37.71	23.90			3	16	12								2	3		15	4	7		
	Total	3	672	108.0	75.9	39.03	27.42	5	38	371	232	16		3	1	4	1	9	12	12	17	32	186	161	183	47	4
Other States...	Piece...	2	109	108.0	89.4	64.18	34.27			30	73	6											5	11	63	30	
	Time...	2	4	109.0	106.5	29.02	28.40				1	8											1	1	2		
	Total	4	113	108.0	90.0	43.64	35.99			30	74	9											6	12	65	30	
All States...	Piece...	5	750	108.0	78.2	39.84	28.85	5	35	395	293	22		3	1	4	1	9	12	10	14	32	176	168	239	77	4
	Time...	4	35	108.1	72.3	35.72	24.42			3	16	13	3							2	3		16	5	9		
	Total	7	785	108.0	77.9	39.70	28.65	5	38	411	306	25		3	1	4	1	9	12	12	17	32	192	173	248	77	4

LABORERS, DYEHOUSE: Male.

Pennsylvania...	Time...	3	51	110.0	118.7	\$	32.85	\$35.90	5	2	3	8	1	32	4		1		1			2	6	2	10	18	5	1	1
Other States...	Piece...	1	2	108.0	108.2	32.24	32.46					1													1	1			
	Time...	2	86	108.1	121.7	33.54	37.98	1	2	4	6		73	1								1	1	3	2	2	32	35	6
	Total	2	88	108.1	121.4	33.51	37.85	1	2	4	7		74	1								1	1	3	2	3	33	38	6
All States...	Piece...	1	2	108.0	108.2	32.24	32.46					1		1											1	1			
	Time...	5	137	108.8	120.6	33.28	37.21	6	4	7	14	1	105	5		1		1		1	1	5	8	4	4	42	56	11	1
	Total	5	139	108.8	120.4	33.27	37.14	6	4	7	15	1	106	5		1		1		1	1	5	8	5	48	56	11	1	1

TABLE D.—AVERAGE FULL-TIME HOURS, HOURS ACTUALLY WORKED, FULL-TIME EARNINGS, ETC.—Concluded.

TWO-WEEK PAY ROLLS—Concluded.

OTHER EMPLOYEES: Male.

State.	Piece-workers or time-workers.	Number of establishments.	Number of employes.	Average full-time hours per two weeks.	Average hours worked per employe during two weeks.	Average full-time bi-weekly earnings.	Average amount earned per employe during two weeks.	Employees working each classified per cent of full time during two weeks.					Employees earning each classified amount during two weeks.																		
								Under 25 per cent.	25 and under 50 per cent.	50 and under 75 per cent.	75 and under 100 per cent.	Over 100 per cent.	Under \$4.	\$4 and under \$5.	\$5 and under \$6.	\$6 and under \$8.	\$8 and under \$10.	\$10 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$20.	\$20 and under \$25.	\$25 and under \$30.	\$30 and under \$40.	\$40 and under \$60.	\$60 and under \$70.	\$70 and over.				
Pennsylvania..	Piece... Time...	1 5	11 594	108.0 111.0	81.6 105.4	\$ 38.83 37.94	\$31.71 36.29 34	1 38	6 51 72	4 108 291	16 16 7 5 9 11 7	2 7	1 4	1 16 27 43 52 168 115	2 63	2 38 16	
	Total.	5	605	110.9	105.0	37.95	36.21	34	39	57	72	112	291	16	7	5	9	11	9	5	17	27	43	52	168	115	65	40	16		
Other States...	Piece... Time...	1 2	81 935	107.8 106.1	80.4 106.4	\$1.69 32.06	\$4.21 31.82 19	9 35	17 63	21 203	12 217	13 398	8 18 1 4 8 11 13 22 4 1 8 11 33 80 205 376 108	6 1 3
	Total.	2	1,016	108.1	109.4	32.03	30.94	28	44	80	224	229	411	21	....	5	8	17	15	26	12	41	89	216	400	112	26	15	3	
All States..	Piece... Time...	2 7	92 1,529	107.8 109.2	80.5 105.4	\$2.55 34.34	\$5.12 33.38 53	10 78	23 114	21 275	16 325	13 689	8 29 7 9 17 22 6 20 26 27 60 120 257 544 221	6 3 53	2	
	Total.	7	1,621	109.1	104.0	34.24	32.91	62	83	137	296	341	702	37	7	10	17	28	24	31	29	68	132	268	568	227	101	55	19		

OTHER EMPLOYEES: Female.

Pennsylvania..	Piece... Time...	3 5	60 228	108.0 107.9	92.3 98.9	\$ 24.34 24.00	\$28.98 22.12 9	3 8	8 11	24 87	23 72 41	1 6 4 1 6 2 2 3 8 14 8 87 4 78 49 13 13 2
	Total.	5	287	107.9	97.6	26.13	23.53	10	11	19	111	95	41	7	4	2	6	2	6	20	45	82	57	39	15	2	

92 WAGES AND HOURS OF LABOR—WOOLLEN AND WORSTED GOODS.

Other States..	Place...	1	19	108.0	63.1	22.91	13.80	4	5	2	2	6	3	1	1	4	1	2	4	3							
	Time...	2	407	107.1	89.3	24.34	20.18	20	36	36	157	157	1	11	6	6	7	12	20	20	31	77	96	91	30		
	Total.	2	426	107.1	88.1	24.28	19.80	24	41	38	159	163	1	14	7	7	11	12	20	21	31	79	100	94	30		
All States..	Place...	4	78	108.0	85.2	31.55	25.28	5	8	10	26	29	4	1	1	5	4	6	10	8	11	13	13	13	2		
	Time...	7	635	107.4	92.8	24.22	20.87	29	44	47	244	229	42	17	10	6	8	18	22	23	45	114	174	140	56	2	
	Total.	7	713	107.4	91.9	25.02	21.36	34	52	57	270	258	42	21	11	7	13	18	23	27	51	124	182	151	68	15	2

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